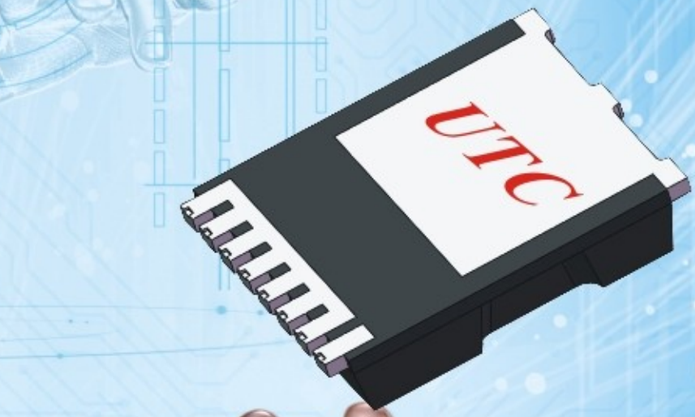
官網二維碼　　公眾號二維碼

UTC 友順科技股份有限公司
UNISONIC TECHNOLOGIES CO., LTD.

http://www.utc-ic.com
http://www.unisonic.com.tw

2024



UTC 友順科技股份有限公司
UNISONIC TECHNOLOGIES CO., LTD.

創新引領 匠芯智造

34年行業沉澱鑄就品牌輝煌

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集團簡介

Company Profile

「友誠創共贏
順芯展夢想」

UTC集團成立于1990年，專注致力于模擬IC及離散式組件Discrete研發、設計、晶圓制造、封裝、測試及營銷業務。為提供客戶完整的解決方案及具價格競爭優勢，公司經營策略采IDM資源垂直整合，期望能給予客戶最佳選擇，并創造客戶最大之經濟效益。

IDM采取主動的方式，從產品的研發、設計、制造、封裝、測試到品牌營銷，在每一個關鍵點都充分掌握其自主的能力，以達到產能保障及技術自主，充分展現企業競爭力。

UTC具有完整模擬組件產品线，產品以類比IC為主(涵蓋電源管理、電源驅動、運算放大器、比較器、數字功放、邏輯IC等)，分立器件為輔(涵蓋低壓MOS管、高壓MOS管、超結MOS、IGBT單管、快恢復二级管、肖特基二極管、TVS二極管、穩壓二極管、三極管、數位三極管、高頻三極管、雙向可控硅、單向可控硅等）。

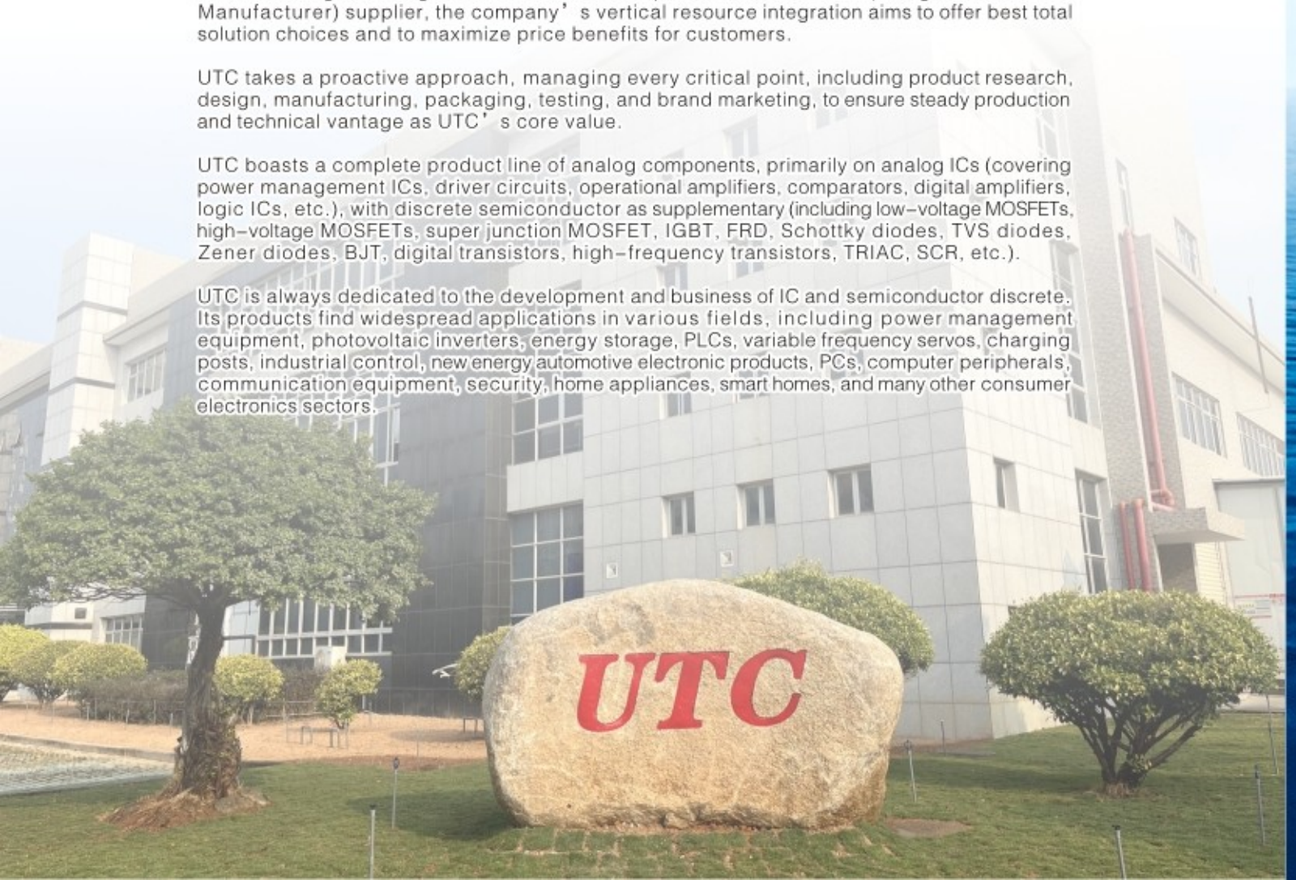
公司始終專注并致力于半導體集成電路IC及分立器件的研發與銷售，產品廣泛應用于電源管理設備、光伏逆變、儲能、PLC、變頻伺服,充電樁等工控領域、新能源汽車電子產品、PC以及計算機外設產品、通訊設備、安防、家電、智能家居等消費性電子產品等眾多領域。

UTC group was founded in 1990, focusing on the design, chip fabrication, packaging, testing, and marketing of analog ICs and discrete components. As an IDM (Integrated Device Manufacturer) supplier, the company's vertical resource integration aims to offer best total solution choices and to maximize price benefits for customers.

UTC takes a proactive approach, managing every critical point, including product research, design, manufacturing, packaging, testing, and brand marketing, to ensure steady production and technical vantage as UTC's core value.

UTC boasts a complete product line of analog components, primarily on analog ICs (covering power management ICs, driver circuits, operational amplifiers, comparators, digital amplifiers, logic ICs, etc.), with discrete semiconductor as supplementary (including low-voltage MOSFETs, high-voltage MOSFETs, super junction MOSFET, IGBT, FRD, Schottky diodes, TVS diodes, Zener diodes, BJT, digital transistors, high-frequency transistors, TRIAC, SCR, etc.).

UTC is always dedicated to the development and business of IC and semiconductor discrete. Its products find widespread applications in various fields, including power management equipment, photovoltaic inverters, energy storage, PLCs, variable frequency servos, charging posts, industrial control, new energy automotive electronic products, PCs, computer peripherals, communication equipment, security, home appliances, smart homes, and many other consumer electronics sectors.



集團理念和願景

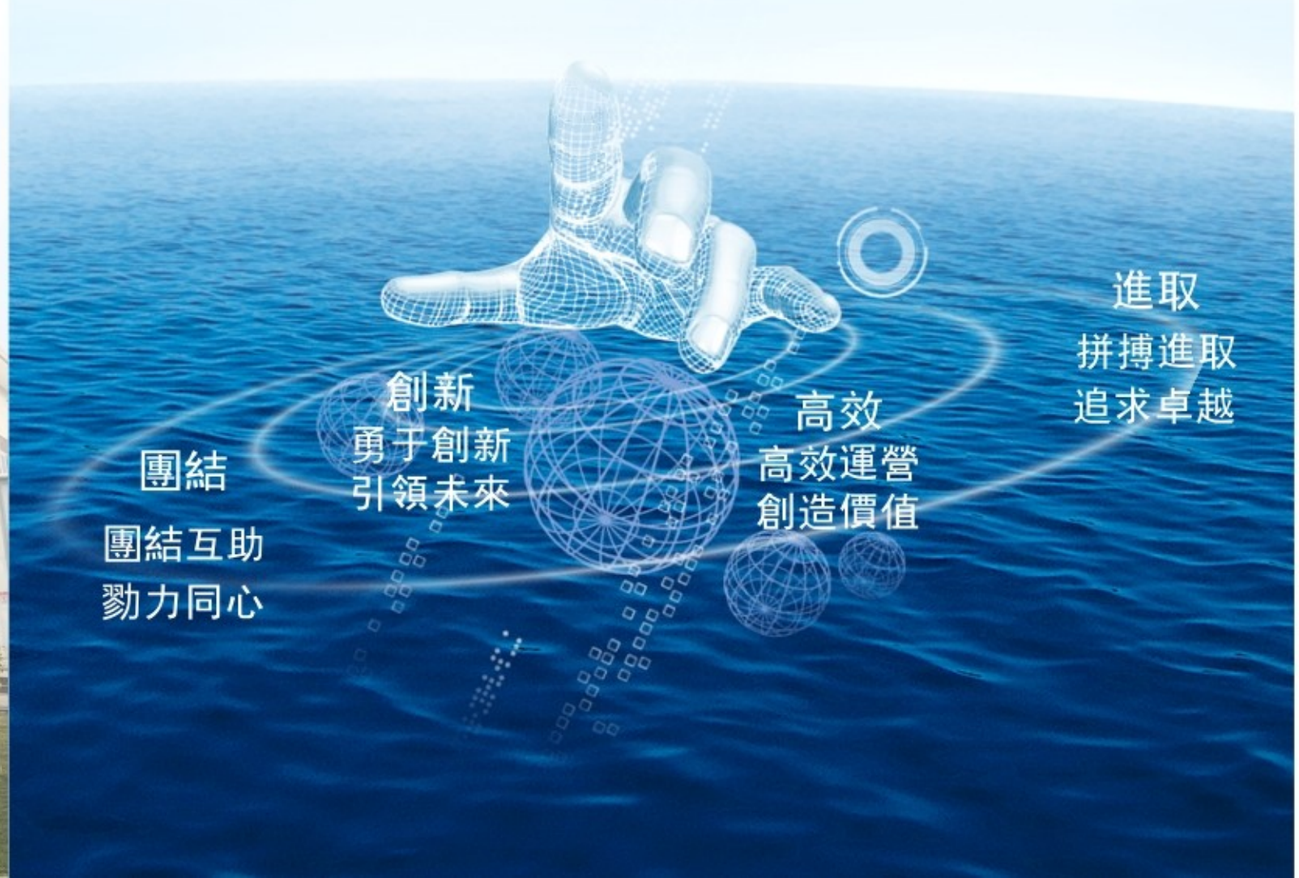
Philosophy and Vision

BY THE PHILOSOPHY

"Quality First and Customer Orientation"
our challenge is to become a leading semiconductor company recognized by peers trusted by customer.
We will devote ourselves to create popular products and services accordingly contributing to a better global society.

K.H.KAO

Chairman, Unisonic Technologies Co., Ltd



集團發展歷程

UTC Group Milestones

耕耘

1990
成立
友順科技股份有限公司

1994
成立
杭州友旺電子有限公司

1996
成立
福建福順微電子有限公司
晶圓廠

1998
成立
丹東安順微電子有限公司
晶圓廠

1999
成立
大連連順電子有限公司
產品研發、測試、銷售

啓航

2001
量產:Bipolar IC
TR/LDO/Reset IC
成立
福建合順微電子有限公司
封測廠

2002
量產:CMOS IC
OP/Audio/PWM/
Linear Regulators/Motor
成立
厦門元順微電子技術有限公司

2003
量產:JFET

2004
量產:
RF NPN&PNP
Interface/
Converter

遠航

2005
量產：DC/DC Converter
成立
福建福順半導體制造有限公司
封測廠
實行IDM模式

2006
量產超低功耗LDO
量產CLASS-AB音頻功放芯片
擴廠
福建福順微電子有限公司
6英寸 年產能90萬片

2007
量產：Hall

2008
量產RS232接口芯片
量產平面MOS 800/900V
Planar High Voltage
MOSFET
800V~900V,MP

2011
成立
厦門吉順芯微電子有限公司
0.35um 6英寸 年產能96萬片

2012
量產: RF JFET
USB Power Switch

2013
量產超結MOS 500V~700V
Super Juntion MOSFET 500V~700V, MP

2015
量產DC-DC芯片
量產RS485接口芯片
量產CMOS運算放大器芯片
量產超結MOS 800V~1000V
Super Juntion MOSFET 800V~1000V, MP

2017
量產AC-DC芯片
量產光耦產品

2018
量產平面NPT/PT IGBT
量產CLASS-D音頻功放芯片

2019
量產CMOS霍爾芯片
量產LED恒流驅動芯片
量產CMOS馬達驅動芯片
量產平面高壓
MOS 1200V~1500V
Planar High Voltage
MOSFET 1200V~1500V,MP

2021
量產紅外接收芯片
量產CMOS高SR、高帶寬運放芯片

2022
量產超結MOS 1200V
Super Juntion MOSFET 1200V, MP
量產700V電機驅動芯片
量產CMOS零漂移運算放大器芯片
成立
福建福順高芯微電子有限公司
6英寸-8英寸

2023
量產CMOS LNB芯片
量產IGBT 650V/1200V
溝槽FS/SPT
福順半導體科技園動工

2024
量產平面高壓1700V
Planar High Voltage MOSFET 1700V,MP

品質優先 客户至上

讓我們 一起向未來

態度 目標

[決定一切] [決定方向]

誠信 合作 共贏

細節 行動

[決定成敗] [決定未來]

越是艱難越向前

萬衆一心 加油幹

榮譽資質

Accolade and Recognition

質量體系

Quality System

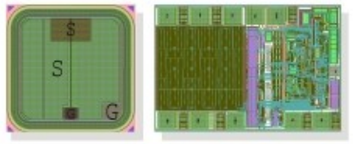
證書專利

Certificate Patent

垂直一體化IDM產業鏈

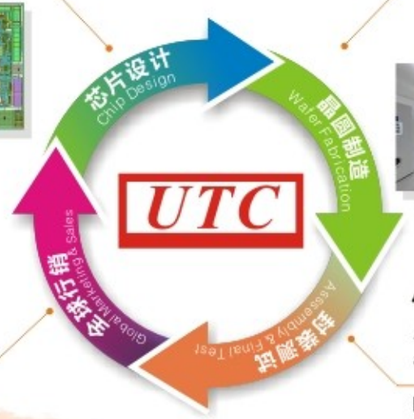
Integrated Device Manufacturer

高度定制化
IC Design capability



品質保障，可追溯性强
Quality assurance and strong traceability

三座晶圓廠（每月約27萬片 6英寸）
(3 wafer fabs) .(6 inch , 270,000 pcs wafer /Month)



快速響應
Quick response

供貨能力，自主可控
Supply capacity, independent and controllable

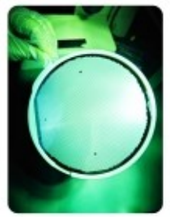
自動化封裝600KK/月產能
Asssembly & Final Test 600KK/ Month capacity

生產基地

Production Site

厦門吉順芯微電子有限公司
Wafer Fab

厦門吉順芯微電子有限公司成立于2011年，注册資本USD 8,002.9萬，是一家工藝能力最高爲0.35um 6英寸的集成電路晶圓加工高科技企業，占地面積75050 平方米，月產能10萬片。爲優質IC設計公司提供合封IC中的器件芯片，被評爲“國家高新技術企業”、“厦門市未來骨幹企業”，公司秉承以“技術取勝質量創優以人爲本與顧客同發展爲社會創造價值”的經營理念，努力爲客户提供優質的服務。



精益 高效 協同 進取

生產基地
Production Site

福建福順微電子有限公司
福建福順高芯微電子有限公司
Wafer Fab

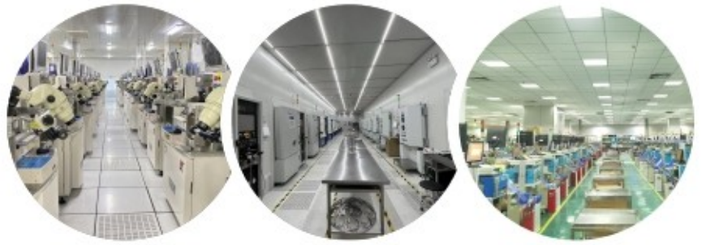
福建福順微電子有限公司成立于1996年，注册資本RMB14,101.08萬，是一家以6英寸集成電路芯片加工高科技企業，月產能7萬片。

福建福順高芯微電子有限公司成立于2022年，注册資本RMB 20,000.0萬，項目總投資RMB 10億元，一期投資RMB5億元，二期投資RMB 5億元擴建生產綫，6-8英寸芯片月產能預計10萬片。

品質 優異 客戶 滿意

福建福順半導體制造有限公司
Assembly & Final Test

福建福順半導體制造有限公司成立于2005年1月，注册資本USD 2,020.0萬。現有廠區占地面積爲5.5萬㎡，配置有先進的封裝與測試設備，封裝品種齊全，600KK/月產能，目前已通過ISO9001、ISO14001、TS16949等質量管理體系認證，爲顧客提供專業的芯片封裝&測試服務。



專業 速度 品質 創新

應用領域
Application

產品多元化
Product Diversity

封装多樣化

Diversified Packaging

TO 系列

SOT 系列

SOP 系列

SSOP 系列

DIP系列

To(贴片)

DFN系列

SIP系列

SMD/SOD系列

HZIP系列

UTC

Power Management > Linear Regulator

Part No.	Product Family	Function	Vin(V) Max (Range)	Io(A) (Range)	Vout(V)	IQ(mA) Max	VD(V) Max	Package
78LXX	Standard Regulator	OTP/OCP/SCP	40	0.1	5.0~24.0	6.5	1.7(Typ.)	SOP-8 SOT-89 TO-92 TO-92NL SOT-223 SOT-25
LM317L	Standard Regulator	OTP	40	0.1	ADJ=1.25	-	-	SOP-8 TO-92 SOT-89
UC723	Standard Regulator	OTP	40	0.15	ADJ=7.15	3.5	-	DIP-14
78LXXS	Standard Regulator	OTP/OCP	40	0.1	5.0~15.0	5.5	1.7	SOT-89 TO-252 TO-92
78LXXM	Standard Regulator	OTP/OCP/SCP	35	0.2	5.0~24.0	5.5	1.7(Typ.)	SOP-8 SOT-89 SOT-223 TO-92 TO-92NL
78NXX	Standard Regulator	OTP/OCP/SCP	35	0.3	5.0~24.0	5.5	1.7(Typ.)	SOT-223 SOT-89 TO-252 SOT-89S
79LXX	Negative Standard Regulator	OTP/OCP/SCP	-35	0.1	-5.0 ~ -24.0	6.0	-	SOT-89 SOP-8 TO-92
78DXX	Standard Regulator	OTP/OCP/SCP	35	0.5	5.0~24.0	8.0	2.0(Typ)	SOT-223 TO-251 TO-252 TO-252-3 PDFN5*6
78DXXL	Standard Regulator	OTP/OCP/SCP	35	0.5	5.0~18.0	8.0	2.0(Typ)	SOT-223 TO-251 SOT-89 TO-252 TO-252-3 TO-252D
78MXX	Standard Regulator	OTP/OCP/SCP	35	0.5	5.0~20.0	6.0	2.0(Typ)	TO-126 TO-126C TO-220 TO-220F TO-92
78TXX	Standard Regulator	OTP/OCP/SCP	35	0.5	5.0~20.0	8.0	2.0(Typ)	TO-263 TO-263-3
LM317M	Standard Regulator	OTP	40	0.5	ADJ=1.25	-	-	TO-263 SOT-223 TO-252 TO-220 SOP-8
79DXX	Negative Standard Regulator	OTP/OCP/SCP	-40	0.5	-5.0 ~ -24.0	8.0	2.0(Typ)	TO-251 TO-252 SOT-89
79DXX-Q	Negative Standard Regulator	OTP/OCP/SCP	-40	0.5	-5.0 ~ -24.0	8.0	2.0(Typ)	TO-251 TO-252 SOT-89
78DXXA	Standard Regulator	OTP/OCP/SCP	35	1	5.0~24.0	8.0	2.0(Typ)	TO-252 TO-252-3 SOT-223 TO-251
LM78XX	Standard Regulator	OTP	40	1	5.0~24.0	8.0	2.0(Typ)	TO-220 TO-220F TO-262 TO-92
78TXXA	Standard Regulator	OTP/OCP/SCP	35	1	5.0~24.0	8.0	2.0(Typ)	TO-263 TO-263-3
78TXXAA	Standard Regulator	OTP/OCP/SCP	40	1.5	5.0~24.0	8.0	2.5(Typ)	TO-263 TO-263-3
78DXXAA	Standard Regulator	OTP/OCP/SCP	35	1.5	5.0~18.0	8.0	2.5(Typ)	TO-252
LM78XXA	Standard Regulator	OTP	40	1.5	5.0~24.0	8.0	2.5(Typ)	TO-220 TO-220F TO-220F2
LM317	Standard Regulator	OTP/OCP/SCP	37	1	ADJ=1.25	-	-	SOT-223 TO-252 TO-263 TO-263-3 TO-220 TO-220F SOP-8
LM317A	Standard Regulator	OTP/OCP/SCP	40	1.5	ADJ=1.25	-	-	SOT-223 TO-252 TO-220 TO-220F TO-220F2 TO-263 TO-263-3
79DXXA	Negative Standard Regulator	OTP	-35	1	-5.0 ~ -24.0	6.0	2.0(Typ)	TO-251 TO-252
79DXXAA	Negative Standard Regulator	OTP	-35	1.5	-5.0 ~ -15.0	6.0	2.0(Typ)	TO-251 TO-252
LM79XX	Negative Standard Regulator	OTP	-35	1	-5.0 ~ -24.0	6.0	2.0(Typ)	TO-220 TO-220F
LM79XXA	Negative Standard Regulator	OTP	-35	1.5	-5.0 ~ -15.0	6.0	2.0(Typ)	TO-220 TO-220F
79TXXA	Negative Standard Regulator	OTP/OCP/SCP	-35	1	-5.0 ~ -24.0	6.0	2.0(Typ)	TO-263 TO-263-3
79TXXAA	Negative Standard Regulator	OTP/OCP/SCP	-35	1.5	-5.0 ~ -15.0	6	2(Typ)	TO-263 TO-263-3
UR132	LDO	OTP/OCP	12	0.2	1.2~5.0& ADJ=1.25	5	1.5	SOT-23 SOT-25
UR133	LDO	OTP/OCP	12	0.3	1.5~5.0&ADJ=1.25	5	1.5	SOT-23 SOT-89 SOT-223 TO-92
UR133A	LDO	OTP/OCP	12	0.5	1.5~5.0&ADJ=1.25	5	1.5	SOT-23 SOT-89 SOT-223 TO-92
UR233	LDO	OTP/OCP	12	0.8	1.7~5.0&ADJ=1.25	10	1.5	SOP-8 SOT-89 SOT-223 TO-252 TO-220 TO-263

Power Management > Linear Regulator

Part No.	Product Family	Function	Vin(V) Max (Range)	Io(A) (Range)	Vout(V)	IQ(mA) Max	VD(V) Max	Package
LD1117	LDO	OTP/OCP	15	0.8	1.2~5.0&ADJ=1.25	10	1.3	PDFN5X6 TO-220F TO-263 TO-220 TO-263-3 TO-262 TO-252 SOT-223 SOT-23-5 SOP-8 SOT-89 TO-252D
LD1117A	LDO	OTP/OCP	15	1	1.2~5.0&ADJ=1.25	10	1.3	PDFN5X6 TO-220F TO-263 TO-220 TO-263-3 TO-262 TO-252 SOT-223 SOT-23-5 SOP-8 SOT-89 TO-252D
LD2117	LDO	OTP/OCP	15	0.8	1.2~5.0&ADJ=1.25	1	1.35	SOT-223 TO-252
LD2117A	LDO	OTP/OCP	15	1	1.2~5.0&ADJ=1.25	1	1.35	SOT-223 TO-252
LD2127	LDO	OTP/OCP	15	0.8	ADJ=1	-	1.35	SOT-223
LD2127A	LDO	OTP/OCP	15	1	ADJ=1	-	1.35	SOT-223
LD1117AH	LDO	OTP/OCP	15	1	1.8,3.3,ADJ=1.25	10.0	1.3	SOT-223 SOT-89
UL1117	LDO	OTP/OCP	15	1	ADJ=1.25	5.0	1.3	SOT-223 SOT-89 TO-252
LD3117	LDO	OTP/OCP	20	0.5	1.5~5.0&ADJ=1.25	5	1.5	SOT-23 TO-252
UZ1086	LDO	OTP/OCP	7.5	1.5	1.2~5.0&ADJ=1.25	13	1.6	SOT-223 TO-252 TO-220 TO-263 TO-263-3 TO-220F1
UZ1085	LDO	OTP/OCP	18	3	1.5~5.0&ADJ=1.25	13	1.4	TO-252 TO-220 TO-220F TO-263 TO-263-3
UZ2085	LDO	OTP/OCP	18	3	5.0&ADJ=1.25	0.5	1.4	TO-252 SOT-223
UZ2085A	LDO	OTP/OCP	18	3	ADJ=1	1.0	1.4	TO-252
UZ1084	LDO	OTP	15	5	1.5~5.0&ADJ=1.25	13	1.5	TO-252 TO-252-3 TO-220 TO-220F TO-263 TO-263-3
U584	LDO	OTP/OCP	7	8	3.3&ADJ=1.25	13	1.35	TO-252 TO-220 TO-220F TO-263 TO-263-3
U585	LDO	OTP/OCP	7	5	3.3&ADJ=1.25	13	1.35	TO-252 TO-220 TO-220F TO-263 TO-263-3
U587	LDO	OTP/OCP	7	3	3.3&ADJ=1.25	13	1.35	TO-252 TO-220 TO-220F TO-263 TO-263-3
LD1119A	LDO	OTP/OCP	12	1	3.3&ADJ=1.25	10	1.4	HSOP-8
LP2950	LDO	OTP/OCP/EN pin Error Detevtion	30	0.1	2.5, 3.0,3.3,3.6,5.0	14	0.6	DIP-8 SOP-8 TO-92 TO-252 DFN3030-8 TSSOP-8 MSOP-8
LP2951	LDO	OTP/OCP/EN pin Error Detevtion SENSE pin	30	0.1	3.0,3.3,5.0& ADJ=1.235	-	-	DIP-8 SOP-8 DFN3030-8 TSSOP-8 MSOP-8
LD1985	LDO	OTP/OCP EN pin/Byp pin	7	0.15	1.5~5.0	3.3	0.35	SOT-25
LD2985	LDO	OTP/OCP EN pin/Byp pin	16	0.15	1.5~5.0	3.3	0.35	SOT-25
LD3870	LDO	OTP/OCP/SCP EN pin/Byp pin	14	0.15	1.5~5.0	0.3	0.2	SOT-25
LD4117	LDO	OTP/OCP	18	1	3.3	10	1.3	SOT-223
LP5951	LDO	OTP/OCP SCP/EN pin	27	0.15	ADJ=1.235	22	0.6	HSOP-8
M2950	LDO	OTP/OCP/EN pin Error Detevtion SENSE pin	18	0.2	2.5,3.0,3.3,3.6,5.0	22	0.6	DIP-8 SOP-8 TO-92
M2951	LDO	OTP/OCP/EN pin Error Detevtion SENSE pin	18	0.2	ADJ=1.235	-	-	DIP-8 SOP-8
LM2954	LDO	OTP/OCP/EN pin Error Detevtion SENSE pin	30	0.3	3.3,5.0&ADJ=1.235	14	0.6	DIP-8 SOP-8 SOT-223 TO-92 TO-252

Part No.	Product Family	Function	Vin(V) Max (Range)	Io(A) (Range)	Vout(V)	IQ(mA) Max	VD(V) Max	Package
LM5954	LDO	OTP/OCP/EN pin	25	0.3	ADJ=1.235	22	0.6	HSOP-8
LR478	LDO	OTP/OCP/Reset pin Delay time capacitor pin	10	0.3	2.5,3.3,3.4	8	0.3	SOP-8
UCV676	LDO	OTP/OCP/EN pin	45	0.4	1.8,2.5,3.3,5,ADJ	35	2.772	TO-252-4 SOT-223 TO-263-5
UCV676A	LDO	OTP/OCP/EN pin	45	0.4	1.8,2.5,3.3,5,ADJ	35	2.772	TO-252-4 TO-263-5 SOT-223
LM2937	LDO	OTP/OCP/SCP EN pin	26	0.5	3.3,5,8,10,12,15	20	1	SOT-223 TO-263-3 TO-263-5 TO-220 TO-263
R1MX55	LDO	OTP/OCP/EN pin	15	0.5	1.5,1.8,2.5,3.3,5, ADJ=1.2	5	0.7	SOT-89-5 HSOP-8
LR1116	LDO	OTP/OCP	15	0.8	1.2~5.0	10	1.4	SOP-8 SOT-89 SOT-223 TO-220 TO-252 TO-263
LR1116B	LDO	OTP/OCP	15	0.5	1.2~5.0	10	1.4	SOP-8 SOT-89 SOT-223 TO-220 TO-252 TO-263
LR1118	LDO	OTP/OCP	15	1	1.2~5.0	10	1.2	SOP-8 SOT-223 TO-220 TO-252 TO-263 TO-263-3
LM2940	LDO	OTP/OCP	26	1	5~15	15	0.8	SOT-223 TO-220 TO-220F TO-252 TO-263 TO-263-3
78RXXX	LDO	OTP/OCP/EN pin	35	1	1.5~15,ADJ=1.25	10	0.5	TO-252-5 TO-220F-4 TO-220B TO-252 TO-220
R070LD10	LDO	OTP/OCP/EN pin	10	1	1.8,2.5,5,ADJ=1.23	2	0.5	TO-252-4
R200LD10	LDO	OTP/OCP/EN pin	24	1	ADJ=2.65	8	0.5	TO-252-4 TO-252-5
RXXLD10	LDO	OTP/OCP/EN pin	18	1	1.5~12	2	0.75	TO-252-5 TO-252 TO-220F-4 SOP-8 HSOP-8
LM39102	LDO	OTP/OCP/EN pin	16	1	ADJ=1.24	70	0.63	SOP-8 HSOP-8
M293010	LDO	OTP/OCP OVP/EN pin	27	1	ADJ	1.2(Typ)	0.6	TO-252-5
M29150A/B	LDO	OTP/OCP/OVP SCP/EN pin	30	1.5	5,6,ADJ=1.23	80	0.7	TO-252-4 TO-252-5 TO-252
LR1965	LDO	OTP/OCP/SCP EN pin/PG Pin	6	1.5	ADJ=0.8	0.3(Typ)	0.4(Typ)	HSOP-8
278RXXX	LDO	OTP/OCP/EN pin	35	2	1.5~15	10	3	TO-220F-4
RXXLD20	LDO	OTP/OCP/EN pin	20	2	3.3~15	10	0.5	TO-220B TO-220F-4
URXX20	LDO	OTP/OCP/EN pin	20	2	3.3,12	10	0.7	TO-252
378RXX	LDO	OTP/OCP/EN pin	35	3	1.5~15	10	3	TO-220F-4
RXXLD30	LDO	OTP/OCP/EN pin	20	3	3.3,5,9,12	10	0.5	TO-220B TO-220F-4
UR533	LDO	OTP/OCP/EN pin	7	5	1.5,2.5,ADJ=1.25	–	1.18	TO-252-5 TO-263-5 TO-220-5
ULE4275	LDO	OTP/OCP/SCP Delay pin/Reset pin	42	0.4	5	22	0.5	TO-263-5
UR56XXH	Ultra Low IQ LDO	OTP/OCP	18	0.5	3.3,5	0.003	0.2	SOT-89
78KXX	LDO	OTP/OCP	35	0.05	5~18	5.5	1.7	SOP-8 SOT-25 SOT-89 TO-92 TO-92NL
UR51XXH	Ultra Low IQ LDO	OTP/OCP	18	0.08	3.3,3.6,5	0.004	0.1	SOT-89
L1131A	Low IQ LDO	OCP/EN pin	6	0.15	1.5~5.0	0.018	0.65(TYP)	SOT-23-5 SOT-25 SOT-89
LR1101	Ultra Low IQ LDO	OTP/OCP/EN pin	6	0.1	1.5~5.0	0.01	0.6	SOT-23 SOT-25 SOT-89
LR1102	Low IQ LDO	OCP/EN pin	8	0.15	1.8~5.0	0.07	0.3	SOT-25
L1131B	Ultra Low IQ LDO	OCP/EN pin	11	0.2	1.5~5.0	0.0025	0.65(TYP)	SOT-23-5 SOT-25 SOT-89 SOT-23
L1131C	Low IQ LDO	OCP/EN pin	6	0.15	2,2.5	0.095	0.55	SOT-25

Part No.	Product Family	Function	Vin(V) Max (Range)	Io(A) (Range)	Vout(V)	IQ(mA) Max	VD(V) Max	Package
L1913	Low IQ LDO	OTP/OCP/EN pin	5.5	0.15	1.5,3.3,ADJ=1.25	145(Typ)	0.3	SOT-25
LR9103	Low IQ LDO	OCP/EN pin	6	0.15	1.1~3.3	0.06	0.40(TYP)	SOT-23-5 SOT-25 SOT-343 X2DFN1010-4
LR9107	Low IQ LDO	OCP/EN pin	5.25	0.2	1.8,2.8	0.025	0.44	SOT-25
LR9113	Low IQ LDO	OCP/EN pin	6	0.3	1.1~5.0	0.06	0.8(TYP)	SOT-25 SOT-23-5 X2DFN1010-4 SOT-553 SOT-353
LR1185	Low IQ LDO	OTP/OCP * EN pin/Byp pin	5.5	0.15	4.2	0.05	0.2	SOT-25
LR1112	Low IQ LDO	OTP/OCP/EN pin	6	0.15	ADJ=0.4	0.085	0.3	SOT-23-5 SOT-25
LR1121B	Low IQ LDO	OCP/EN pin	7	0.2	2.1~5.5	0.065	0.7	SOT-25
LR1122D	Low IQ LDO	OCP/EN pin	7.5	0.2	1.2~5.0	0.04	1	SOT-25 SOT-89
LR9211	Low IQ LDO	OTP/OCP/EN pin	5.5	0.6	1.2~3.3, ADJ=0.8	0.115	1.2	SOT-25 SOT-23-5
LR9212	Low IQ LDO	OTP/OCP/EN pin	5.5	1	3.3 & ADJ=0.8	0.12	0.45	SOT-25
LR9203	Low IQ LDO	OTP/OCP/EN pin	6	0.5	1.2~5.0, (0.05 increments)	0.03	0.7	SOT-25 SOT-23-5
LR9500	Low IQ LDO	OTP/OCP/EN pin	5.5	0.15	1.5~4.5	0.23	0.15	SOT-25
UR6222	Low IQ LDO	OTP/OCP/EN pin	6	0.7	1.2~4.0	0.12	0.15(TYP)	SOT-25
UR6223	Low IQ LDO	OTP/OCP/EN pin	6	0.3	1.2~4.0	0.22	0.63	SOT-25 X2DFN1010-4
UR6225	Low IQ LDO	OCP/EN pin	10	0.3	1.5~6.0	0.0045	0.60(Typ)	SOT-23 SOT-25 SOT-89 TO-92
LR1142	Low IQ LDO	OTP/OCP/EN pin	5.5	0.5	ADJ=0.8	0.07	0.37(Typ)	SOT-25 SOT-23-5 DFN2020-6 DFN1616-6
L1183A	Low IQ LDO	OCP/SCP/EN pin	6.5	0.3	1.2~5.0	0.05	1.3	SOT-25 SOT-26
L1183B	Low IQ LDO	OTP/OCP * SCP/EN pin	7	0.3	1.2~3.3	0.05	1.3	SOT-26
LR2125	Low IQ LDO	OTP/OCP/EN pin	5.5	0.3	1.2, 1.8, 2.5, 3.3, ADJ=0.8	0.16	0.36	SOT-25
LR9101	Low IQ LDO	OCP/EN pin	6	0.3	1.0~3.3	25(Typ)	0.6(Typ)	SOT-23-3 SOT-23 SOT-23-5 SOT-343 SOT-353 SOT-25
LR9102	Low IQ LDO	OCP/EN pin	6	0.3	1.0~3.6	0.09	1	SOT-23 SOT-23-3 SOT-23-5 SOT-25 SOT-353 DFN1616-6
LR9102A	Low IQ LDO	OCP/EN pin	6	0.3	1.0~3.6	0.13	1	SOT-23 SOT-23-3 SOT-23-5 SOT-25 SOT-353 DFN1616-6
L1127/A/E	Low IQ LDO	OTP/OCP/EN pin	6	0.3	1.0~4.75, ADJ=0.8	0.2	0.36	SOT-25
LR1106	Low IQ LDO	OCP/EN pin	8	0.4	1.5~5.0	0.05	0.6	SOT-23 SOT-25 SOT-89 SOP-8 DFN1820-6
LR1143	Low IQ LDO	OTP/OCP/EN pin	5.5	0.4	ADJ=1.2	0.05	0.8(Typ)	SOT-25 DFN2020-6
L1923	Low IQ LDO	OTP/OCP/EN pin	5.5	0.5	3.3~3.9,ADJ=1.25	0.12	0.5	SOT-25
LR1198	Low IQ LDO	OTP/OCP/EN pin	5.5	0.3	1.5,2.8,3.0	0.15	0.65	SOT-23-5
LR1193	Low IQ LDO	OTP/OCP * EN pin/Byp pin	5.5	0.3	1.5,2.5	0.13	0.3	SOT-23-5
LR1120	Low IQ LDO	OTP/OCP * EN pin/SS pin	5.5	0.5	1.8~4.0	0.07	0.4	SOT-353 SOT-25
LR1125	LDO	OTP/OCP * EN pin/PG pin	5.5	0.5	ADJ=0.8	1	0.4	SOP-8 MSOP-8
LR18113	–	OTP/OCP/EN pin	6	0.5	Vout=SET*1.6	3	–	SOP-8
LR18115	–	OTP/OCP/FON pin	6	0.5	Vout=SET*1.6	3	–	SOP-8
LR1812	Low IQ LDO	OTP/OCP * SCP/EN pin	6	1	1.2~3.6	0.11	0.12~0.45	HSOP-8 SOT-25 SOT-89
LR1830	LDO	OTP/OCP * EN pin/PG pin	5	3	ADJ=0.8	1	0.45	HSOP-8

Part No.	Product Family	Function	Vin(V) Max (Range)	Io(A) (Range)	Vout(V)	IQ(mA) Max	VD(V) Max	Package
LR1831	LDO	OTP/OCP＊EN pin/PG pin	5.5	3	ADJ=0.8	2	0.32	HSOP-8
LR2128	Low IQ LDO	OTP/OCP/EN pin	5.5	0.3	2.5, ADJ=0.8	0	0.36	SOT-25
LR9280	Ultra Low IQ LDO	OCP/EN pin	6	0.15	1.2~4.0	0.0015	1.2	SOT-25 SOT-23-5 SOT-23 SOT-23-3 SOT-343 SOT-89
LR9282	Ultra Low IQ LDO	OCP/EN pin	7	0.3	0.8~5.0	0.0015	1	SOT-23-3 SOT-23-5 SOT-25 SOT-89 DFN1010-4
LR9283	Ultra Low IQ LDO	OTP/OCP/EN pin	6.5	0.3	1.2~4.0	0.0015	0.2(Typ)	SOT-23-5
LR9284	Ultra Low IQ LDO	OTP/OCP/EN pin	7	0.5	1.8~3.3	0.0007	0.25	SOT-23-5
LR9133	Low IQ LDO	OTP/OCP/EN pin	6	0.3	1.1~5.0	0.06	0.4(Typ)	SOT-25 SOT-23-5 SOT-353 X2DFN1010-4
LR9153	Low IQ LDO	OTP/OCP/EN pin	6	0.5	1.1~5.0	0.08	0.87(Typ)	SOT-25 DFN1010-4 DFN2020-6
LR78XX	Ultra Low IQ LDO	OCP/EN pin	8	0.5	1.5~5.0	0.0043 (Typ)	0.52(Typ)	SOT-23-5 SOT-25 SOT-89 SOT-23-3 SOT-23
LR1802	LDO	OTP/OCP/EN pin inrush Current pin	5.5	1	ADJ=0.8	–	0.3(Typ)	HSOP-8
LR1805	Low IQ LDO	OTP/OCP/EN pin	6	1	1.2~5.0, ADJ=1	0.09	0.7	SOT89-5 DFN2020-6
L1186	Low IQ LDO	OTP/OCP/EN pin	7	0.6	ADJ=1.215	35(Typ)	1.4	SOT-25 SOP-8
LR1107/E	LDO	OTP/OCP/EN pin	6	0.6	1.8~5.0, ADJ=1.145	0.3(Typ)	0.5	SOT-23 SOT-25 SOT-89 SOT-223
L1188	Low IQ LDO	OTP/OCP	7	0.8	2.8,3.3	0.05	1.4	SOT-223
L1138B	Low IQ LDO	OTP/OCP/EN pin	6.5	0.8	1.2~5.0	0.16	1	SOT-89-5 SOP-8 SOT-25
LR3865	LDO	OTP/OCP＊EN /PG /SS pin	6	2	1.5~5.0, ADJ=0.6	0.2(Typ)	0.65	HSOP-8 SOP-8 SOT-223
LR3866	LDO	OTP/OCP＊EN/SENSE pin	6	3	1.8~3.3, ADJ=0.6	0.36	0.8	TO-263 TO-263-5
LR1108/E/N	LDO	OTP/OCP＊EN /PG pin	6	1	1.2~5	300(Typ)	0.5	SOT-223 TO-252 SOT-23 SOT-23-5 SOT-25 SOT-89
LR1801	Low IQ LDO	OTP/OCP/EN pin	6	1	1.2~5.0	0.09	0.7(Typ)	HSOP-8 SOT-89 SOT-89-5 TO-252 SOT-223
LR1811	Low IQ LDO	OTP/OCP/EN pin	6	1	1.2~5.0	0.12	0.7(Typ)	HSOP-8
L11810	Low IQ LDO	OTP/OCP	7	1	2.8, 3.3	0.05	1.7	SOT-223
LXXLD10	LDO	OTP/OCP＊EN pin/PG pin	3.3	1	ADJ=0.8	2	0.15	HSOP-8
LXXLD36	LDO	OTP/OCP＊EN pin/PG pin	6	3	ADJ=0.6	1.5	0.3	HSOP-8 DFN3030-10
LXXLD37	LDO	OTP/OCP＊EN pin/PG pin	5.5	3	ADJ=0.8	1.5	0.3	HSOP-8 DFN3030-10
LXXLD38	LDO	OTP/OCP＊EN pin/PG pin	3.65	3	ADJ=0.5	3	0.20(typ.)	HSOP-8
LXXLD52	LDO	OTP/OCP＊EN pin/PG pin	3.65	5	ADJ=0.8	3	0.17(typ.)	HSOP-8
UR6227	Low IQ LDO	OCP/EN pin	6	0.7	1.5~5.0	0.2	0.3	SOT-25 SOT-89-5
LR1148	Low IQ LDO	OTP/OCP/EN pin	6	0.6	ADJ=0.8	0.08(Typ)	1.2	SOT-25
LR2915	LDO	OTP/OCP＊SCP/EN pin	6	1.5	ADJ=0.5	0.3(Typ)	0.4(Typ)	SOP-8 HSOP-8
LR2965	LDO	OTP/OCP＊SCP/EN pin	6	1.5	ADJ=0.5	0.3(Typ)	0.4(Typ)	HSOP-8
LR2965A	LDO	OTP/OCP/SCP	6	1.5	1.2~3.3	0.45	0.4(Typ)	SOT-223
LR2967	Low IQ LDO	OTP/OCP/EN pin	6	2	ADJ	0.3(TYP)	0.4(TYP)	HSOP-8
LR9270	LDO	OTP/OCP/EN pin	6	0.8	1.2~3.3	0.16	0.7	SOT-25 SOT89-5 SOT-23-5
LR2126	Low IQ LDO	OTP/OCP/EN pin	7	1	ADJ=0.8	0.07(Typ)	0.5	SOT-89-5 DFN3030-8 SOT-25 DFN2020-6
LR9272	Low IQ LDO	OTP/OCP/EN pin＊inrush current	6	1	2.5, 3.3, 5.0	0.1	0.72 (Typ)	SOT-223 SOT-25
LR9273	Low IQ LDO	OTP/OCP/EN pin	6	1	2.8, 3.3, 3.5, ADJ=1.2	0.1	0.7 (Typ)	SOP-8 SOT-89-5

Part No.	Product Family	Function	Vin(V) Max (Range)	Io(A) (Range)	Vout(V)	IQ(mA) Max	VD(V) Max	Package
L1803	LDO	OTP/OCP＊EN/PG/SS pin	5.5	1.5	ADJ=0.8	2	1.7	HSOP-8 DFN3030-10
L1806	LDO	OTP/OCP＊EN pin/PG pin	3.65	3	ADJ=0.8	1.5	0.31	HSOP-8 DFN3030-10
LXXLD15	LDO	OTP/OCP＊EN pin/PG pin	3.5	1.5	ADJ=0.8	2	0.3	HSOP-8
LR3965	LDO	OTP/OCP＊EN /PG/SS/SENSE pin	6	1.5	1.1~5.0, ADJ=0.8	0.25 (Typ)	1.05	SOP-8 SOT-89 SOT-223 TO-252 TO-252-4 TO-252-5 TO-263 TO-263-5
LR3965A	LDO	OTP/OCP＊EN pin/SS pin	6	2	ADJ=0.8	0.2(Typ)	0.65	HSOP-8
L11815A	Low IQ LDO	OTP/OCP	7	1.5	1.5~3.3	0.07	1.3	SOT-223 TO-252 TO-263 TO-220
L11815B	Low IQ LDO	OTP/OCP/EN pin	7	1.5	ADJ=1.2	0.045 (Typ)	1.3	SOP-8
UR1171	LDO	OTP/OCP/EN pin	6	1.5	1.2~5	0.16	0.35	SOP-8
LXXLD20	LDO	OTP/OCP＊EN pin/PG pin	3.3	2	ADJ=0.8	2	0.2	HSOP-8
LR18120	LDO	OTP/OCP＊EN pin/PG pin	5.5	2	1.0~2.5, ADJ=0.8	2	0.42	SOP-8 HSOP-8
LR18220	LDO	OTP/OCP/EN pin	6	2	ADJ=0.8	1	0.6	SOP-8 HSOP-8
LR18230	LDO	OTP/OCP/EN pin	6	3	ADJ=0.8	1	0.6	HSOP-8
LR3966	LDO	OTP/OCP＊EN pin/SENSE pin	7	3	1.8, 3.3, ADJ=1.45	0.12	0.58	SOT-223 TO-252-5 TO-263 TO-263-5
L11830	LDO	OTP/OCP＊EN pin/SENSE pin	6	3	1.5~5.0	0.35	1	TO-263 TO-263-5
L11831A/B/C	LDO	OTP/OCP＊EN pin/PG pin	5.5	3	1.2~2.5, ADJ=0.8	1.1(Typ)	0.35	HSOP-8 DFN3030-10
LR8845	LDO	OTP/OCP＊EN pin/SENSE pin	6	3	2.5	0.4	1	SOT-223 TO-252 TO-263
LXXLD30	LDO	OTP/OCP＊EN pin/PG pin	3.3	3	ADJ=0.8	2	0.25	HSOP-8
LXXLD32	LDO	OTP/OCP＊EN pin/PG pin	3.65	3	ADJ=0.8	1.5(Typ)	0.31	HSOP-8
LR5966	LDO	OTP/OCP/EN pin	6	5	3.3	0.09 (Typ)	1.8	TO-252-5
LXXLD50	LDO	OTP/OCP＊EN pin/PG pin	3.3	5	2.5, ADJ=0.8	8	0.3	HSOP-8
LXXLD70	LDO	OTP/OCP＊EN /PG pin	3.5	7	ADJ=0.8	2	0.2	HSOP-8
LR5XXYY	Ultra Low IQ Dula LDO	OTP/OCP/EN pin	5.5	0.15	2.0, 2.7	0.0008	0.25	SOT-25
UR56XX	Ultra Low IQ LDO	OCP	18	0.5	1.5~12	0.003	0.15	SOT-23-3 SOT-23-5 SOT-89 TO-92 SOT-25 SOT-223
UR57XX	Ultra Low IQ LDO	OCP	18	1	3.3~5.0	0.005	0.2	SOT-23-3 SOT-23-5 SOT-89 TO-92
UR77XX	Ultra Low IQ LDO	OCP	36	1	3.3~5.0	0.005	0.2	TO-220 TO-252
UR56XX1	Ultra Low IQ LDO	OCP	18	0.5	1.5~12	0.003	0.15	SOT-89 SOT-223
UR71XX	Ultra Low IQ LDO	OCP	36	0.08	3.3, 4.0, 5.0	0.004	0.1	SOT-23 SOT-23-3 SOT-23-5 SOT-25 SOT-89 TO-92
UT10XX	Ultra Low IQ LDO	OCP	12	0.02	1.8~7.0	0.006	0.06(Typ)	SOT-89 TO-92
UT71XX	Ultra Low IQ LDO	OCP	24	0.02	1.5~7.0	0.016	0.06(Typ)	SOT-89 TO-92 SOT-25
UT72XX	Ultra Low IQ LDO	OCP	32	0.04	3.0~5.0	0.015	0.06(Typ)	SOT-25 SOT-89
LR1012	Ultra Low IQ LDO	OCP/SCP	12	0.075	1.8~5.2	0.003	0.98	SOT-23 SOT-25 SOT-89
UT7500	Low IQ LDO	OCP	24	0.1	1.8~5.0	0.02	0.1(Typ)	SOT-89 TO-92
UAS15V	Standard Regulator	EN pin	60	0.05	14.5	17	–	SOT-25
UAS16V	Standard Regulator	–	80	0.015	16.1	0.45	–	TO-92 SOT-23-3
UAS24V	Standard Regulator	–	80	0.055	24	7.7	–	SOT-23-3
UR75XX	Ultra Low IQ LDO	OCP	36	0.07	1.5~12	0.003	0.1	SOT-23-3 SOT-23-5 SOT-89 SOT-25 SOT-353 TO-92 SOT-223

Power Management > Linear Regulator

Part No.	Product Family	Function	Vin(V) Max (Range)	Io(A) (Range)	Vout(V)	IQ(mA) Max	VD(V) Max	Package
UR72XX	Ultra Low IQ LDO	OCP	36	0.1	1.5~12	0.003	0.1	SOT-89 SOT-23 TO-92 SOT-25
UR72XXH	Ultra Low IQ LDO	OTP/OCP	36	0.15	3.3, 5.0	0.005	0.4(Typ)	SOT-89
UR73XX	Ultra Low IQ LDO	OCP	36	0.3	1.5~5.0	0.003	0.1	SOT-89 SOT-23-3
UR73XXH	Ultra Low IQ LDO	OCP/OTP	36	0.3	2.5, 3.3, 5.0	0.005	0.16(Typ)	SOT-89
UR78XX	Ultra Low IQ LDO	OCP	36	0.07	3.3~12	0.003	0.08	SOT-89
UR76XX	Ultra Low IQ LDO	OCP	36	0.5	1.5~12	0.003	0.15	SOT-89 SOT-23 TO-92 SOT-23-3 SOT-23-5
UR76XXA	Ultra Low IQ	OCP	36	0.5	1.5~12.0	0.01	0.15	SOT-23-3 SOT-23-5 SOT-23 SOT-89 TO-92
UR76XXH	Ultra Low IQ LDO	OCP/OTP	36	0.5	3.3,3.6,5.0	0.003	0.2	SOT-89 SOT-23
UR76XX1	Ultra Low IQ LDO	OCP	36	0.5	1.5~12	0.003	0.15	SOT-89
UR56XXCE	Ultra Low IQ LDO	OTP/OCP/EN pin	18	0.5	3.3, 3.6, 5.0	0.003	0.2	SOT-25 SOT-23-5 DFN2020-6
LR3XXYYB	Low IQ Dula LDO	OCP/EN pin	6	0.15	1.2~3.3	0.12	0.75	SOT-26
LR4XXYY	Low IQ Dula LDO	OCP/EN pin	5.5	0.2	1.2~3.3	0.26	0.255(Typ)	SOT-26
LR6XXYY	Low IQ Dula LDO	OTP/OCP	6	0.6	1.2, 3.3	0.08	0.85	HSOP-8
LR7XXYY	Low IQ Dula LDO	OCP/EN pin	5.25	0.3	1.8, 2.5, 3.3	0.033	1	SOP-8 HSOP-8
LR8XXYY	Low IQ Dula LDO	OCP/EN pin	5.25	0.15	1.2~3.6	0.06	0.63(Typ)	SOT-26 DFN1616-6
LR9XXYY	Low IQ Dula LDO	OCP/EN pin	5.25	0.3	1.2~3.6	0.2	0.72	SOT-26
LR6401	Low IQ Dula LDO	OTP/OCP/EN pin	6	0.3	1.2~3.3	0.09	0.75	SOT-26 DFN-1820-6
UR10033	Dula LDO	OTP/OCP/SCP	16	1	3.3, ADJ=1.25	1.5	0.8(Typ)	TO-252-5
UR13318	Dula LDO	OTP/OCP/SCP	16	1	1.8, 3.3	1.5	0.5	TO-252-5 TO-263-5
UR13325	Dula LDO	OTP/OCP/SCP	16	1	2.5, 3.3	2.3	0.5	TO-252-5
UR15033	Dula LDO	OTP/OCP/SCP	16	1	3.3, 5.0	1.5	0.5	TO-252-5
UC621XX	Boosting Regulator	OCP	8	1	3.0~5.0	0.08	0.1(Typ)	SOT-25
LC1111	LDO Controller	OCP/EN/SS/DRV pin	13.5	-	ADJ=0.8	1	-	SOT-26
LC1126	LDO Controller	OTP/OCP＊EN /PG/DRV pin	5.5	-	ADJ=0.5	0.8	-	SOT-26
UM5237	LDO	OTP/OCP	30	-	ADJ=1.26	0.3	0.2(Typ)	SOT-89
LM317S	Standard Regulator	OTP/OCP	40	1	ADJ=1.25	10	3	SOT-223
UR86XXH	Ultra Low IQ LDO	OTP/OCP	36	0.5	3.3~12	0.01	0.2	SOT-89
UR81XX	Ultra Low IQ LDO	OCP	36	0.08	3.3, 5, 6	0.01	0.1	SOT-89
UR81XXH	Ultra Low IQ LDO	OTP/OCP	36	0.08	3.3, 3.6, 5, 6	0.01	0.1	SOT-89
UR86XXCE	Ultra Low IQ LDO	OTP/OCP/EN pin	36	0.5	3.3, 3.6, 4.5, 5	0.01	0.2	SOT-25 SOT-23-5
UR87XXH	Ultra Low IQ LDO	OTP/OCP	36	1	3.0~12	0.01	0.2	SOT-89
UR76XXCE	Ultra Low IQ LDO	OTP/OCP/EN pin	36	0.5	3.3, 3.6, 5	0.003~0.02	0.2	SOT-23-5 SOT-25 SOT-89
LR1815	LDO	OCP/OTP	6	1.5	ADJ=0.8	0	2	HSOP-8 DFN3030-10
LM78XXS	Standard Regulator	OCP/OTP	35	1	5	8	2.5	TO-220

Power Management > DDR Termination Regulator

Part No.	DDR	V_{IN}(V) Min	V_{IN}(V) Max	V_{CNTL} (V)	V_{CNTL} (V)	VREF(Typ)	I_{OUT}(A) (Range)	Package
UR5595	DDR-I;DDR-II;SSTL-2;SSTL-3; HSTL Termination	2.2	5.5	-	-	0.9V, 1.25V	1.5	SOP-8 HSOP-8
UR5596	DDR-I;DDR-II;SSTL-2;SSTL-3; HSTL Termination	2.2	5.5	-	-	0.9V, 1.25V	1.5	SOP-8 HSOP-8
UR5515	DDR-I;DDR-II;SSTL-2;SSTL-3;	1.6	6	-	6	0.9V, 1.25V	1.5,3	SOP-8 TO-252-5 TO263-5
UR5512	DDR-I;DDR-II;SSTL-2;SSTL-3;	1.6	5.5	3.1	6	0.85V, 1.75V	2	SOP-8 HSOP-8 TO-252-5
UR5513	DDR-III;Low Power DDR-III;DDR-IV	1.1	3.5	2.9	5	-	2	MSOP-10 DFN3030-10
UR6511	DDR-I;DDR-II;DDR-III; Low Power DDR-III	1.0	5.5	3	5.5	-	2	HSOP-8 SOP-8
UR6512	DDR-I;DDR-II;DDR-III	1.5	2.5	3.3	5	0.75V, 1.25V	2	HSOP-8
UR6516B	DDR-I ; DDR-II ; SSTL-2 ; SSTL-3	1	6	3.15	6	0.75V, 0.9V, 1.25V	2	SOP-8
UR6515C	DDR-I;DDR-II;DDR-III	1.5	2.5	3.3	5	0.75V, 0.9V, 1.25V	2	HSOP-8
UR5516	DDR-I;DDR-II;	1.2	3.5	3.1	6	0.85V, 1.75V	3	SOP-8 HSOP-8 TO-252-5 TO-263-5
UR5516A	DDR-I;DDR-II;SSTL-2;SSTL-3	1.2	3.5	3.1	6	0.85V, 1.75V	3	SOP-8 HSOP-8 TO-252-5 TO-263-5
UR5516B	DDR-I;DDR-II;SSTL-2;SSTL-3	1.2	3.5	3.1	6	0.85V, 1.75V	3	SOP-8 HSOP-8 TO-252-5 TO-263-5
UR5516C	DDR-I;DDR-II;SSTL-2;SSTL-3	1.2	3.5	3.1	6	0.85V, 1.75V	3	SOP-8 HSOP-8 TO-252-5 TO-263-5
UR6515A	DDR-I;DDR-II;	1.5	2.5	3	5	0.75V, 0.9V, 1.25V	3	TO-252-5 TO-263-5
UR6515D	DDR-I;DDR-II;DDR-III	1.5	2.5	3.3	5	0.75V, 0.9V, 1.25V	3	HSOP-8
UR5517	DDR-I;DDR-II;DDR-III	3	5.5	1.3	3.6	0.75V, 0.9V, 1.25V	3	MSOP-10 HMSOP-8 MSOP-8 HMSOP-10 DFN3030-10
UR6517	DDR-I;DDR-II;DDR-III;DDR-IV	1	5.5	3.3	5	0.6V~0.9V	1.8	HSOP-8

Power Management > LED Display Driver

Part No.	Features	VIN(V)	I_{out}(mA)	Package
UD8973	● Integrated ghosting effect elimination ● Greatly improve refresh rate ● Eliminate the caterpillar phenomena caused by LED leakage current and short circuit ● Short-circuit and over-current protection"	6.5	3000	SOP-8
UD8971	● Integrated ghosting effect elimination ● Integration of two power PMOS transistor output PIN ● Integrated anti-LED bead reverse breakdown voltage regulator circuit	3.0~5.5	3000	SOP-8
UL0512	LANDSCAPE LIGHTING DRIVE IC ● Input Voltage: 3.5V~5.5V ● OUT R/G/B Constant Current: 12mA ● OUT R/G/B Output Gray Level: 256 ● OUT R/G/B Power-on state: OFF ● Build in high precision and high stability oscillator ● Serial data transmission ● Shaping the cascade data before output to prevent attenuation ● Data transmission rate : 800Kbps ● Synchronous refresh of display data in the same frame	3.5~5.5	13	DIP-8
UL1030	3 CHANNEL CONSTANT-CURRENT DRIVER AND GREY-LEVEL MODULATE OUTPUT ● 3 channel driver output, maxim current per channel is 45mA,LED light voltage can reach 12V ● Output adopt In-Rush online feedback constant-current driver structure, compatible with constant-voltage module, it also can contact outside equipment and transfer to higher voltage or current output driver. ● Built-in LDO voltage-stabilizing circuit, voltage range : 3~8V,and have 5V stabilizing voltage output ● Adopt self-add token ring technology dual shift line, shift clock can reach 25MHz ● Directly input grey-level data, it is transfer to 256 output with reverse-gamma regulator after inside SUPER-PWM technology,e. g, adopt built-in oscillator as grey-level clock, it support FREE-RUN module output, especially can be used in low-cost controller ● Data clock signal is drived strongly to next chip to enhance level after built-in phase-lock circuit ● High-voltage CMOS technology, industrial design, with extra-good interference immunity	3.0~8.0	45	SOP-16

Power Management > Shunt Reference Regulator

PartNo.	TYPE	V_{KA}(V) (Range)	V_{REF}(V) (Range)	I_{KA}(mA) Min (Range)	I_{KA}(mA) Max (Range)	I_{REF}(uA) Max	Z_{KA}(Ω) Max	Package
TL432D	Adjustable Shunt	15	0.8	1	50	3	–	SOP-8 SOT-23 SOT-25 SOT-89 TO-92
TL432C	Adjustable Shunt	15	1.24	1	10	6	–	SOP-8 SOT-23 SOT-25 SOT-89 TO-92
TL432	Adjustable Shunt	15	1.25	1	50	6	–	SOP-8 SOT-23 SOT-23-3 SOT-25 SOT-89 TO-92
TL431	Adjustable Shunt	36	2.495	0.5	100	4	0.5	SOP-8 SOT-23 SOT-23-3 SIP-3 SOT-25 SOT-89 TO-92 TSOT-23
TL431TV	Adjustable Shunt	36	2.495	1	100	6	0.5	SOT-23-3
TL431H	Adjustable Shunt	36	2.495	1	100	4	0.5	TO-92
LL431	Adjustable Shunt	36	2.495	0.1	100	4	0.5Typ	SOP-8 SOT-23 SOT-25 SOT-23-3 SOT-89 TO-92
ULVH431	Adjustable Shunt	18	1.24	0.1	50	0.5	0.4	SOT-23 SOT-23-3 SOT-23-5 SOT-25 SOT-89 TO-92
TL1093	Adjustable Shunt	36	2.495	0.5	100	4	0.5	SOT-25 SOT-89
TL431L	Adjustable Shunt	20	2.5	1	100	4	0.5	SOP-8 SOT-23 SOT-25 MSOP-8 SOT-89 TO-92 SOT-23-3
LM4041	Micropower Voltage	10	1.225, 3.0, 5, 10, ADJ=1.233	0.07	12	–	0.2	SOT-23 SOT-23-3
M385	Micropower Voltage	–	1.235, 2.5	0.015	30	–	1.0	SOP-8 SOT-23
TL431HP	Adjustable Shunt	36	2.495	0.5	100	4	0.5	SOT-23-3 TSOT-23 SOT-23 SOT-25 SOT-89 SOP-8 TO-92 SIP-3

Power Management > Shunt Reference Regulator+Op+Comp(Combo IC)

PartNo.	Function	V_{cc} (V) Min (Range)	V_{cc} (V) Max (Range)	I_{cc} (mA) Min (Range)	I_{cc} (mA) Max (Range)	VREF for CV (V)	VREF for CC (mV)	Constant Voltage Reference Tolerance (%)	Package
UM601A	●Vref+1 and Op+2	4.5	32	–	2	1.24	–	±1 ±2.5	DIP-8 SOP-8
UM602A	● Vref+1 Op+2 Comp+2	3	32	–	–	2.5	–	±0.4 ±1	DIP-16 SOP-16
UM603A	● Vref+1 and Op+2	3	32	–	2	2.5	–	±0.4 / ±1	SOP-8 TSSOP-8
UM604A	● Vref+1 OP+4 Comp	3	32	–	4	2.5	–	±0.4 ±1	DIP-16 SOP-16
UM605A/B	● Vref+1 and Op+2	4	20	1.2	1.7	2.5 1.25	152~160	±2	SOT-25
UM606	● Vref+1 and Op+2	2.5	18	0.6	1.2	1.21	200 70	±1 ±2	SOT-26
UM607	● Vref+1 and Op+2	2.2	14	0.6	1	1.24	150 70	±1	SOT-26
UM608	● Vref+1 and Op+3	5	32	2	4	2.5	–	±4	SSOP-10 MSOP-10
UM609A	● Vref+1 and Op+2	3	36	0.24	0.3	2.5	–	±0.4 ±1	SOP-8 MSOP-8
UM610	● Vref+1 and Op+2	3.5	36	–	0.19	2.5V	30 48	±0.5	SOT-26
UM611	● Op+2	3	20	2.2	3.6	0.8	0.6	±1	SOT-26
UM612	● Vref+1 and Op+2	4.75	50	–	0.6	2.5V	30 61	±0.5	SOT-26
UM21125	● Op+1	2.7	20	1.6	2.35	–	68	±8	SOT-25

Power Management > AC/DC Switching Regulator

Part No.	Topology	V_{cc}(Max) (V) (Range)	V_{cc}(ON) (TYP)(V) (Range)	V_{cc}(OFF) (TYP)(V) (Range)	Freq.(TYP) (KHz) (Range)	Freq.(Max) (KHz) (Range)	Duty Cycle% (Range)	Start-up current (mA)	Operating current (mA)	Package
UC1842A	●SSR	30	16	10	–	500	97	0.12	12	DIP-8 SOP-8
UC1843A	● SSR	30	8.4	7.6	–	500	97	0.12	12	DIP-8 SOP-8
UC1842B	● SSR	30	16	10	–	500	96	0.25	12	SOP-8 DIP-8
UC1843B	● SSR	30	8.4	7.6	–	500	96	0.25	12	SOP-8 DIP-8
UC1844	● SSR	30	16	10	–	500	48	0.25	12	DIP-8 SOP-8
UC1845	● SSR	30	8.4	7.6	–	500	48	0.25	12	DIP-8 SOP-8
UC2842B	● SSR	30	16	10	–	500	96	0.25	12	SOP-8 DIP-8
UC2843B	● SSR	30	8.4	7.6	–	500	96	0.3	12	DIP-8 SOP-8
UC3842A	● SSR	30	16	10	–	500	97	0.12	12	DIP-8 SOP-8
UC3843A	● SSR	30	8.4	7.6	–	500	97	0.12	12	DIP-8 SOP-8
UC3843A-Q	● SSR	30	8.4	7.6	–	500	97	0.12	11	SOP-8
UC3842B	● SSR	30	16	10	–	500	96	0.25	12	DIP-8 SOP-8
UC3843B	● SSR	30	8.4	7.6	–	500	96	0.25	12	DIP-8 SOP-8
UC3842G	● SSR	30	15	10	52	–	94	0.015	7	DIP-8 SOP-8
UC2844	● SSR	30	16	10	–	500	48	0.25	12	DIP-8 SOP-8
UC2845	● SSR	30	8.4	7.6	–	500	48	0.25	12	DIP-8 SOP-8
UC3844	● SSR	30	16	10	–	500	48	0.25	12	DIP-8 SOP-8
UC3845	● SSR	30	8.4	7.6	–	500	48	0.25	12	DIP-8 SOP-8
UC3846	● SSR	40	7.7	–	–	500	–	–	17	DIP-16 SOP-16 SOP-16W
UC3943	● SSR	30	8.4	7.6	–	250	96	0.25	12	SOP-8
UC2846	● SSR	40	7.7	–	–	500	–	–	17	DIP-16 SOP-16 SOP-16W
UC3800/B	● SSR	30	18.5	7	65	70	78	0.002	0.8	SOP-8
UC3837	● SSR	23	14.5	8.5	65	75	75	0.005	3.2	SOT-26
UC3838	● Quasi -Resonant	32	16	7.7	65	70	64	0.001	0.68	SOT-26
UC3848	● SSR	30	14.2	8.2	68	75	74	0.022	7	DIP-8 SOP-8
UC3849B	● SSR	36	18	7	65	70	78	0.002	0.8	DIP-8 SOP-8
UC3853A	● SSR	29	10	9	100	110	46	0.005	1.1	SOP-8
UC3856	● SSR	35	19	7	65	70	78	0.002	0.18	SOT-26
UC3863	● SSR	30	13.5	8	65	70	78	0.0025	1.2	DIP-8 SOP-8 SOT-26
UC3863A	● SSR	36	18	7	65	70	78	0.002	0.8	HSOP-8 SOP-8 SOT-26
UC3869A	● SSR	36	18	7	65	70	78	0.002	0.8	DIP-8 SOP-8
UC3869H	● SSR	36	18	7	100	108	78	0.002	0.8	DIP-8 SOP-8
UC3873	● SSR	30	13.8	8.2	65	70	76	0.0025	1.5	SOT-26
UC3873H	● SSR	36	18	7	100	108	78	0.002	0.8	SOT-26
UC3873A	● SSR	36	19	7	65	70	78	0.002	0.8	SOT-26
UC3873B	● SSR	30	13	7	100	105	78	0.0025	0.8	SOT-26
UC3875A	● SSR	36	18	7	65	70	78	0.002	0.8	DIP-8 SOP-8
UC3883	● SSR	36	20/15.3	8.2	65	70	77	0.0015	0.85	SOT-26
UPSR104	● PSR	29	14.8	9	65	70	–	0.002	1.6	SOT-26
UPSR108	● PSR	35	15.5	9.5	–	–	–	0.002	1	SOT-26
UPSR107	● PSR	35	15.5	9.5	–	–	–	0.002	1	SOT-26

Part No.	Topology	Vcc(Max) (V) (Range)	Vcc(ON) (TYP)(V) (Range)	Vcc(OFF) (TYP)(V) (Range)	Freq.(TYP) (KHz) (Range)	Freq.(Max) (KHz) (Range)	Duty Cycle% (Range)	Start-up current (mA)	Operating current (mA)	Package
UC1100	● PSR	36	18.5	9	–	–	–	0.003	0.35	SOT-26
UC1103	● PSR	30	16	9	50	53	–	–	1.6	SOP-8
UPSRB01	● PSR	30	12.5	7.5	–	–	–	0.001	0.3	SOT-26
UPSRB02	● PSR	30	12.5	6.8	–	–	–	0.01	0.4	SOT-26
UPSRB03	● PSR	30	18	6.5	–	–	–	0.003	0.8	SOT-25
UC3801	● Quasi -Resonant	36	16	7.6	65	70	64	0.001	0.68	SOT-26
UC3816	● Quasi -Resonant	36	17.5/14.5	7.5/7.3	65	70	62	0.001	0.8	SOT-26
UC3916A	● Quasi -Resonant	36	20	8.2	65	70	66	0.0035	0.8	SOP-8
UC3879A	● Quasi -Resonant	36	15	8.2	65	70	68.5	0.002	1	SOP-8
UC3862	● Quas i-Resonant	36	16	7.6	65	70	64	0.001	0.68	SOT-26
UC3823	● Quasi -Resonant	36	16	7.6	65	70	64	0.001	0.68	SOT-26
UCQ3738	● Quasi -Resonant	32	15	7.6	65	70	64	0.001	1	SOT-26
L2800	● PWM controller	16	–	–	500	1000	75	–	5.5	SOP-8 TSSOP-8
TL5001	● PWM controller	41	–	–	–	500	100	–	1.4	DIP-8 SOP-8
BA9741	● PWM controller	35	–	–	–	800	55	–	1.6	DIP-16 SOP-16 TSSOP-16
TL1451	● PWM controller	51	–	–	–	350	–	–	1.7	DIP-16 SOP-16 TSSOP-16
U9751B	● PWM controller	38	–	–	–	400	–	–	1.7	DIP-16 SOP-16 SSOP-16
U8021	● PWM controller	18	–	–	600	700	–	–	5	SOP-14
TL494	● PWM controller	41	–	–	–	300	45	–	7.5	DIP-16 SOP-16 TSSOP-16
TL494-Q	● PWM controller	41	–	–	–	300	45	–	7.5	DIP-16 SOP-16 TSSOP-16
TL594	● PWM controller	41	–	–	–	300	45	–	7.5	DIP-16 SOP-16
51494	● PWM controller	42	–	–	–	–	45	–	6	DIP-16 SOP-16
U3525	● PWM controller	35	–	–	–	400	49	–	14	DIP-16 SOP-16 SOP-16W
U3525U	● PWM controller	40	–	–	–	400	49	–	14	DIP-16 SOP-16
UA7527	● PFC	30	11.5	–	–	–	–	0.06	3	SOP-8
UA7524	● PFC	20	10	–	–	–	–	0.25	6	DIP-8 SOP-8
L8561	● PFC	18	15.3	7.9	–	–	–	0.035	6	DIP-8 SOP-8
L8562	● PFC	18	15.3	7.9	–	–	–	0.03	6	DIP-8 SOP-8
L8532	● PFC	20	12	9.5	–	–	–	0.024	2.1	SOP-8
L8565	● PFC	22	11.2	10.2	125	250	95	0.1	23	SOP-8
L7842	● PFC	14.4	13	3	76	81	95	0.7	16	DIP-16
MC34262	● PFC	36	–	–	–	–	–	0.4	12	DIP-8 SOP-8
UC3854	● PFC	22	16/10.5	10	–	–	–	0.25	12	SOP-16
US1602	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	3	DIP-7A DIP-8 SOP-8
US1652	● SSR ● Build-in MOSFET	33	20	8	65	70	80	0.002	3	DIP-8 SOP-8
UCS1602S	● SSR ● Build-in MOSFET	32	20	8	65	70	8	0.002	3	DIP-8 SOP-8
UCS1603S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	3	DIP-8

Part No.	Topology	Vcc(Max) (V) (Range)	Vcc(ON) (TYP)(V) (Range)	Vcc(OFF) (TYP)(V) (Range)	Freq.(TYP) (KHz) (Range)	Freq.(Max) (KHz) (Range)	Duty Cycle% (Range)	Start-up current (mA)	Operating current (mA)	Package
UCS1604S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	3.2	DIP-8
UCS1605S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	1.5	DIP-8
UCS1652S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	1.5	DIP-7A DIP-8 SOP-8
UCS1653S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	3	DIP-7A DIP-8
UCS1654S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	3.2	DIP-7A DIP-8
UCS1655S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	3.5	DIP-7A DIP-8
UCS1657S	● SSR ● Build-in MOSFET	33	20	8	65	70	80	0.002	3.8	TO-220F-6
UCS1702S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	2.8	DIP-7A DIP-8 SOP-8
UCS1703S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	3	DIP-7A DIP-8 SOP-8
UCS1704S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	3.2	DIP-7A DIP-8 SOP-8
UCS1705S	● SSR ● Build-in MOSFET	32	20	8	65	70	80	0.002	3.5	DIP-7A DIP-8
US3822	● Non-isolated ● Build-in MOSFET	46	14.5	7.7	60	–	–	0.0005	1.8	DIP-8
US3835	● Non-isolated ● Build-in MOSFET	46	14.5	7.5	60	–	–	–	0.01	DIP-8
US1651	● PSR ● Build-in MOSFET	33	15	8.5	50	–	–	0.005	1	SOP-8
US2351	● Non-isolated ● Build-in MOSFET	40	13.5	7.8	60	66	–	0.005	1.5	SOP-8
US2651	● Non-isolated ● Build-in MOSFET	40	14.5	8.5	50	60	–	.035	3	DIP-8 SOP-8
US3651	● PSR ● Build-in MOSFET	–	14.5	9	65	75	–	0.005	1.6	DIP-8 SOP-8
US3652	● PSR ● Build-in MOSFET	–	14.5	9	65	75	–	0.005	1.6	DIP-8 DIP-7A
USR3651	● PSR ● Build-in MOSFET	–	14.5	9	65	75	–	0.005	1.6	SOP-8
USR3651S	● PSR ● Build-in MOSFET	–	14.5	9	65	75	–	0.7	1.6	DIP-8 SOP-8

Power Management > AC/DC Switching Regulator

Part No.	Topology	V_{cc}(Max) (V) (Range)	V_{cc}(ON) (TYP)(V) (Range)	V_{cc}(OFF) (TYP)(V) (Range)	Freq.(TYP) (KHz) (Range)	Freq.(Max) (KHz) (Range)	Duty Cycle% (Range)	Start-up current (mA)	Operating current (mA)	Package
USR3652	● PSR ● Build-in MOSFET	-	14.5	9	65	75	-	0.005	1.6	SOP-8
USR3652S	● PSR ● Build-in MOSFET	-	14.5	9	65	75	-	0.7	1.6	DIP-8
USR3654A	● PSR ● Build-in MOSFET	-	14.5	9	125	-	-	-	1.6	DIP-7A DIP-8
USRB01A	● PSR ● Build-in BJT	30	12.5	6.8	-	-	-	0.001	0.3	SOP-8
USRB04	● PSR ● Build-in BJT	20	11.5	3.7	40	44	11	0.01	1.5	SOP-8
UCSR3654	● PSR ● Build-in MOSFET	-	14.5	9	65	75	-	0.005	1.6	DIP-8 SOP-8
UCSR3651S	● PSR ● Build-in MOSFET	-	14.5	9	65	75	-	0.7	1.6	DIP-7A SOP-8
UCSR3652S	● PSR ● Build-in MOSFET	-	14.5	9	65	75	-	0.7	1.6	DIP-7A SOP-8 DIP-8
UCSR3654S	● PSR ● Build-in MOSFET	-	14.5	9	65	75	-	0.7	1.6	DIP-7A DIP-8
PSRB05	● PSR ● Build-in BJT	30	15.5	4.5	-	-	-	0.0005	0.5	SOP-8
US2652SQ	● Quasi -Resonant ● Build-in MOSFET	36	20	8.2	65	70	62	0.0035	0.8	DIP-7A
US321S	●Non-isolated	30	7.5	7	-	-	-	0.1	0.8	SOP-8
US2652SQ	● Quasi -Resonant ● Build-in MOSFET	36	20	8.2	65	70	62	0.0035	0.8	DIP-7A
US321S	●Non-isolated	30	7.5	7	-	-	-	0.1	0.8	SOP-8

Power Management > Magic Switch

Part No.	VDSS(V) (Range)	RDS(on) (KΩ) (Range)	I supply (AC) (Max) (uA) (Range)	Package
UASS101	1000	60	20	SOP-8
UASS103	800	1	-	SOP-8

Power Management > DC/DC Switching Regulator

Part No.	Function	Synchronous	V_{cc}(Min) (V) (Range)	V_{cc}(Max) (V) (Range)	I_{out}(A) (Range)	V_{FB}(V) (Range)	η(%) (Range)	Freq. (TYP) (HZ) (Range)	IQ(Max) (mA) (Range)	ISTBY (Max) (uA)	Package
P3586	● Buck	X	3.6	20	3	0.8	92%	1.2M	5	10	SOP-8
P1596	● Buck	X	4.5	22	1.5	1.23	80%	150K	10	150	TO-220B TO-220-5 TO-263-5 HSOP-8
P1785	● Buck	X	3.6	23	2	0.8	91%	300K	-	10	SOP-8
P1885	● Buck	X	3.6	23	2	0.8	91%	300K	-	10	SOP-8 HSOP-8
P1786	● Buck	X	4	23	3	0.8	91%	300K	-	10	SOP-8
P1886	● Buck	X	4	23	3	0.8	88%	300K	-	10	SOP-8 HSOP-8
P1888	● Buck	X	4	23	3	1.23	88%	300K	-	10	SOP-8
UD24121	● Buck	X	4.5	24	1.2	0.81	92%	1.4M	0.8	3	SOT-26
P1595	● Buck	X	4.5	24	1.5	0.75	-	200K	8	10	SOT-89-5
P1696	● Buck	X	4.5	24	2	1.23	-	200K	10	200	SOP-8 HSOP-8
P1583	● Buck	X	-	24	2.5	1.245	95%	380K	2	36	HSOP-8
P1580	● Buck	X	3.5	2.8	2.5	1.222	90%	380K	1.7	-	HSOP-8
P1986	● Buck	X	3.6	28	3	0.8	-	330K	5	10	SOP-8
P2583	● Buck	X	3.6	28	3	1.222	90%	380K	3.5	-	SOP-8
UC34363	● Buck	X	8	30	2	3	-	75K	-	15000	SOP-8
P3596	● Buck	X	4.5	35	3	1.23	90%	150K	10	200	TO-220-5 TO-220B TO-263-5
UD36061	● Buck	X	3.6	36	0.6	0.794	90%	2M	0.130	-	SOT-26
UC34463	● Buck	X	-	40	2	-	-	200K	10	200	SOP-8 HSOP-8
P3576B	● Buck	X	4.5	40	2	5	80%	150K	8	200	TO-252-5
LD1596	● Buck	X	4.5	40	2	1.235	81%	150K	5	200	SOP-8 HSOP-8
P2576/HV	● Buck	X	7	60	3	1.23	88%	52K	10	200	TO-220B TO-220-5 TO-263-5 SOP-8 HSOP-8
UMC33167	● Buck/Boost ● Inverting	X	7.5	40	5	5.05	-	72K	-	100	TO-220-5 TO-220B
P4596	● Buck	X	8	40	3	0.815	-	200K	6	360	HSOP-8
P34563	● Buck	X	8	40	3	1.10	-	100K	7	-	HSOP-8
P1690	● Buck	X	5	65	0.4	1.25	88%	150K	5	200	SOP-8
UC34163	● Buck	X	-	35	1.5	-	-	100K	-	-	DIP-8 SOP-8
UC3666	● Buck	V	2.5	5.5	1	0.6	90%	1.6M	-	-	DFN3030-10
UC3656	● Buck	X	2.5	5.5	1	0.6	90%	1.6M	0.3	1	SOT-25
UD05103	● Buck	V	3	5.5	1	0.6	95%	1.5M	0.6	-	SOT-25
UD05122	● Buck	V	2.5	5.5	1.2	0.6	92%	1.4M	0.4	-	SOT-25
UD05151	● Buck	V	3	5.5	1.5	0.6	90%	1.5M	0.08	-	SOT-25
UD05154	● Buck	V	2.7	5.5	1.5	0.6	-	1.5M	0.05	-	SOT-25
UD16203	● Buck	V	4.5	16	2	0.6	-	1.2M	-	-	SOT-26
UD05158	● Buck	V	2.7	5.5	1.5	0.6	95%	1.5M	-	-	DFN2020-6
UD05201	● Buck	V	2.6	5.5	2	0.6	96%	1.2M	0.4	-	SOP-8 HSOP-8
UD05202	● Buck	V	3	5.5	2	0.6	-	1M	0.08	-	HSOP-8
UD05203	● Buck	V	3	5.5	2	0.6	-	1M	0.08	-	HSOP-8

Power Management > DC/DC Switching Regulator

Part No.	Function	Synchronous	Vcc(Min) (V) (Range)	Vcc(Max) (V) (Range)	Iout(A) (Range)	VFB(V) (Range)	η(%) (Range)	Freq. (TYP) (HZ) (Range)	IQ(Max) (mA) (Range)	ISTBY (Max) (uA)	Package
UD16501	● Buck	V	4.5	16	5	0.807	95%	500K	1	1	HSOP-8
UD05206	● Buck	V	2.5	5.5	2	0.6	–	1.5M	0.128	–	HSOP-8
UD05208	● Buck	V	2.7	5.5	2	0.6	–	1.5M	0.05	–	SOT-25
UD05209	● Buck	V	2.7	5.5	2	0.6	–	1.5M	0.7	–	SOT-25
UD05251	● Buck	V	2.6	5.5	2.5	0.6	94%	1.2M	0.4	–	HSOP-8 DFN3030-8
UD05302	● Buck	V	3	5.5	3	0.6	–	1M	0.08	–	HSOP-8
UD05303	● Buck	V	3	5.5	3	0.6	–	1M	–	–	HSOP-8
UD05306	● Buck	V	2.8	5.5	2	0.8	95%	1M	–	–	HSOP-8 DFN3030-10
UC3655-XX	● Buck	V	2	6	0.5	–	90%	1.3M	–	1	SOT-25
UC3206	● Buck	V	2	6	0.6	–	92%	3M	0.06	1	SOT-25
UD05104A	● Buck	V	2.5	6	1	0.6	–	1M	0.04	–	SOT-25
US3463	● Buck	X	–	30	–	3	–	180K	–	–	SOP-8
USR1021	● Buck	V	6	18	3	0.8	–	500K	5	10	SOP-8
UD18203	● Buck	V	4.5	18	2	0.6	–	500K	0.65	–	SOT-26
USR1051	● Buck	V	5	23	3	0.8	–	450K	5	–	HSOP-8
P1482	● Buck	V	6	18	2	0.923	93%	365K	5	–	SOP-8
P1482A	● Buck	V	6	18	2	0.923	93%	365K	5	–	HSOP-8
P1484	● Buck	V	6	18	3	0.923	93%	365K	5	–	SOP-8
P1484A	● Buck	V	6	18	3	0.923	93%	365K	5	–	HSOP-8
P2680	● Buck	V	4	26	2	0.923	90%	340K	–	–	HSOP-8
SR2803	● Buck	V	4	28	3	0.82	93%	330K	5	10	SOP-8
UD36241	● Buck	X	9	36	2.4	1	–	100K	4	–	HSOP-8
UD05123	● Buck	V	2.5	5.5	1.2	0.6	92%	2.25M	0.09	–	SOT-25
UD32121	● Buck	X	4.5	32	1.2	0.81	92%	1.4M	0.8	–	SOT-26
UC3750-XX	● Buck	X	2.45	5.5	–	–	92%	600K	0.1	–	SOT-25
UC4601	● Buck	X	2.3	15	–	1	90%	1M	0.1	–	SOT-25
UC4601A	● Buck	X	2.3	15	–	1	90%	500K	0.1	–	SOT-25
M7085	● Buck	X	4.5	35	–	1.24	90%	1M	0.5	–	MSOP-8
USR1101	● Buck	V	–	16	–	0.8	–	300K	15	–	SOP-8
UCC2105	● Buck	X	8	24	2	1.18	–	100K	10	–	SOP-8
UC3535	● Buck	X	8	20	–	1.2	–	75K	–	–	SOP-16
MC3063	● Buck/ Boost ● Inverting	X	–	40	1.5	1.25	–	150K	–	–	SOP-8
3563	● Buck/ Boost ● Inverting	X	3	30	1.5	1.25	90%	–	–	–	DIP-8 SOP-8
MC34063A	● Buck/ Boost ● Inverting	X	3	40	–	1.25	–	100K	–	–	DIP-8 SOP-8 TSSOP-8
UC33063A	● Buck/ Boost ● Inverting	X	3	40	–	1.25	–	100K	–	–	DIP-8 SOP-8
UC8383-XX	● Boost	X	0.8	5.5	0.1	–	85%	165K	–	–	SOT-89
UC3383-XX	● Boost	X	0.9	10	0.4	–	80%	180K	0.008	–	SOT-25 SOT-89
UC2306-XX	● Boost	X	1.5	8	0.3	–	85%	–	0.2	50	SOP-8 DIP-8
UC3555	● Boost	X	1.6	4.5	0.5	1.243	95%	–	0.16	–	TSSOP-8
UC3551-XX	● Boost	X	2	6.5	0.3	1.25	90%	450K	0.001	75	SOT-26
UC3500-XX	● Boost	X	0.7	7	0.15	–	88%	–	–	18	SOT-25 SOT-23 SOT-89

Power Management > DC/DC Switching Regulator

Part No.	Function	Synchronous	Vcc(Min) (V) (Range)	Vcc(Max) (V) (Range)	Iout(A) (Range)	VFB(V) (Range)	η(%) (Range)	Freq. (TYP) (HZ) (Range)	IQ(Max) (mA) (Range)	ISTBY (Max) (uA)	Package
P2172	● Boost	X	3	60	–	1.244	80%	100K	9	–	DIP-8 SOP-8
UC3380	● Boost	X	0.9	10	–	–	85%	300K	–	–	SOT-25
UC3550	● Boost	X	0.9	8	–	–	88%	300K	–	38	SOT-25
UC3552	● Boost	X	2.6	5.5	–	1.24	90%	640K/1.3M	0.35	5000	MSOP-8 SOP-8
UC5301	● Inverting	X	1.8	5	0.1	–	–	250K	0.5	–	SOP-8 SOT-26
UCP0510	● Inverting	X	2.7	5	0.1	–	–	450K	0.1	2.5	SOT-26
UD05121	● Buck	V	2.5	5.5	1.2	0.6	95%	1.5M	0.35	–	SOT-25
UD05124	● Buck	V	2.5	6	1.2	0.6	–	1.5M	0.05	–	SOT-25 SOT-26
UD05205	● Buck	V	2.5	5.5	2	0.6	95%	1.5M	0.35	–	SOT-25
UD052012	● Buck	V	2.5	6	2	0.6	–	1M	0.04	–	SOT-25 SOT-26
UD05104	● Buck	V	2.5	6	1	0.6	–	2.25M	0.04	–	SOT-25
UCC36351	● Buck	V	8	36	3.5	1	93%	160K	1.5	–	HSOP-8
UCC36451	● Buck	V	8	36	4.5	1	95%	160K	2	–	HSOP-8
UD38251	● Buck	V	8	38	2.5	1	93%	160K	1.5	–	HSOP-8
UD38252	● Buck	V	8	38	2.5	1	92%	160K	1.5	–	HSOP-8
UD38501	● Buck	V	8	38	5	1	95%	160K	1.5	–	HSOP-8
UCC40501	● Buck	V	8	40	5	1	95%	160K	1.5	–	HSOP-8
UCC40702	● Buck	V	8	40	5	1	95%	160K	–	–	MSOP-10
UD06122	● Buck	V	2.5	6	1.2	0.6	95%	1.5M	0.35	–	DFN3030-10
UU28121	● Boost	X	2.5	5.5	–	1.238	–	1.2M	0.25	–	SOT-25
UU05052	● Boost	V	0.6	5	0.4~0.7	1.18	–	–	34	–	SOT-25
UTL7660	● Inverting	X	–	10.5	–	–	0.98	10K	0.1	–	SOP-8

Power Management > Synchronous Rectifier

Part No.	Vcc(MIN) (V) (Range)	Vcc(MAX) (V) (Range)	Vcc(ON) (TYP)(V) (Range)	Icc(Max) (mA) (Range)	RDS(on) (Max)(mΩ) (Range)	Package
USR5VA10	7	15	5	0.26	20	SOT-223 TO-251 SOP-8
USR5V10X	–	7	3	0.7	30 15 8	SOP-8
USRC8801	–	24	5	12	–	SOT-25
USRC8802	–	24	5	8	11.4	HSOP-8

Part No.	Topology	Vin(Min) (V) (Range)	Vin(Max) (V) (Range)	ILEDdrive (mA) (Range)	Efficiency (%) (Range)	Switching Freq. (Hz) (Range)	Package
ULD5121	● Current ripple remover	5	8	–	–	100/120Hz	SOT–25
ULD5131	● Current ripple remover	5	8	–	–	100/120Hz	SOP–8
ULD5133	● Current ripple remover	5	8	–	–	100/120Hz	SOT–23 SOT–89
ULD3380	● Buck	7.5	40	–	85%	47K	SOT–26
UL22	● Buck–Boost● Flyback	18	24	–	–	66K	HSOP–8
UL23EA	● Linear	–	6.8	60	90%	–	HSOP–8
UL23EB	● Linear	–	6.8	60	90%	–	HSOP–8
UL24D	● Buck	18	24	–	–	–	SOP–8
UL24U	● Buck	18	24	–	–	–	SOP–8 DIP–8
UL26B	● Linear	10	500	60	–	–	HSOP–8
ULF0291	● Linear	–	500	36	–	–	HSOP–8
L5030	● Boost	0.8	6	–	92%	350K	SOT–25
L5107	● Boost	7	45	–	–	400K	TSSOP–16
ULC6001	● Boost	3	6.5	–	–	2.5M	SOP–8
ULC6002	● Boost	0.9	3.2	–	85%	–	SOT–23
UPSL101	● PSR	11	25	–	85%	–	SOP–8
UPSL102	● PSR	–	30	–	85%	–	SOT–25
UPSL103	● Buck	–	30	–	85%	45K	SOT–26
UPSL304	● Buck	–	30	–	–	–	SOT–26
UCL5108	● Buck	7.5	100	–	–	–	SOT–26
UCL2300	● PSR	11.5	17.5	–	85%	–	SOP–8
UCL2310	● PSR	–	25	–	–	–	SOP–8
UCL5811	● PSR	–	25	–	–	130K	SOP–8
USL1602	● Buck	7.5	18	–	93%	–	DIP–8
USL1650	● Buck	17	32	–	–	47K	SOP–8
USL3531	● Buck	–	16.8	220	–	–	SOP–8
USL3531K	● Buck	–	16.8	–	–	–	SOP–8
USL3531J	● Buck	–	16.8	–	–	–	SOP–8
USL3532	● Buck	–	16.8	–	–	–	SOP–8
USL3532K	● Buck	–	16.8	–	–	–	SOP–8
USL3532J	● Buck	–	16.8	–	–	–	SOP–8
USL3533	● Buck	–	16.8	350	–	–	SOP–8 DIP–8
USL3533K	● Buck	–	16.8	350	–	–	SOP–8
USL3631	● Buck	–	16.8	220	–	–	SOP–8
USL3633	● Buck	–	16.8	350	–	–	SOP–8
USL3638	● PSR	–	15.5	–	–	70K	SOP–8 DIP–8
UL51A	● Linear	–	–	100	90%	–	HSOP–8
UL52A	● Linear	–	–	60	90%	–	HSOP–8
UL52B	● Linear	–	–	60	90%	–	HSOP–8
UL52C	● Linear	–	–	60	90%	–	HSOP–8
UL62	● Linear	–	–	60	–	–	TO–252

Part No.	Topology	Vin(Min) (V) (Range)	Vin(Max) (V) (Range)	ILEDdrive (mA) (Range)	Efficiency (%) (Range)	Switching Freq. (Hz) (Range)	Package
UL66A	● Linear	–	–	30	–	–	TO–252 SOT–89 SOT–223
UL66B	● Linear	–	–	40	–	–	TO–252 SOT–89 SOT–223
UL66C	● Linear	–	–	60	–	–	TO–252 SOT–89 SOT–223 HSOP–8 HOP–8
UL66D	● Linear	–	–	100	–	–	TO–252 SOT–89 SOT–223
UL66X	● Linear	–	–	–	90%	–	SOT–25
UL67A	● Linear	–	–	30	–	–	HSOP–8
UL67B	● Linear	–	–	40	–	–	HSOP–8
UL67C	● Linear	–	–	60	–	–	HSOP–8
UL68A	● Linear	–	–	30	–	–	TO–252 SOT–89 SOT–223
UL68B	● Linear	–	–	60	–	–	TO–252 SOT–89 SOT–223
UL68C	● Linear	–	–	60	–	–	TO–252 SOT–89 SOT–223
UL68D	● Linear	–	–	100	–	–	TO–252 SOT–89 SOT–223
UL69B	● Linear	–	–	60	–	–	HSOP–8
UL68X	● Buck	–	–	30	–	–	SOT–25
UL75	● Linear	–	–	100	–	–	HSOP–8
UL82A	● Buck	7	8	200	88%	–	SOT–23–3 SOT–23 SOT–89 HSOP–8 TO–92
UL82B	● Buck	7	8	200	88%	–	SOT–23–3 SOT–23 SOT–89 HSOP–8 TO–92
UL82C	● Buck	7	8	200	88%	–	SOT–23–3 SOT–23 SOT–89 HSOP–8 TO–92
UL83B	● Buck	–	8.5	–	–	–	SOT–23–3 SOT–23 SOT–89 HSOP–8 TO–92
UL96A	● Buck	6	7.2	150	88%	–	SOP–8
UL98A	● Buck	6	7.2	150	88%	–	SOT–23
UL98B	● Buck	6	7.2	150	88%	–	SOT–23
UL98C	● Buck	6	7.2	150	88%	–	SOT–23
UC4107	● Buck	4.5	40	–	–	–	SOP–8 HSOP–8
USL250X	● Buck	8	10.5	–	–	–	SOP–8 DIP–8
L3010	● Buck	4.5	50	1000	96%	280K	SOP–8
L3012	● Buck	6	36	1000	96%	280K	SOP–8
L3060	● Buck	5	30	500	97%	1M	SOT–25
L3080	● Buck	5	30	800	97%	1M	SOT–89–5
L5100	● Boost	2.5	12	–	83%	1.2M	SOT–25
L5101	● Boost	2.5	5.5	–	86%	1.2M	SOT–26
L5200	● Charge pump	2.7	–	150	80%	1M	MSOP–8 SOT–26 TSOT–26
UC3501	● Boost	0.9	5	150	90%	100K	TO–92
UL13A	● PSR	–	6	–	–	–	SOP–8
L4075	● Buck	6	40	–	95%	154K	SOT–25
L4120	● Buck	6	40	1200	97%	1M	SOT–89–5
ULL12	● Linear	1.3	16	300	–	–	SOT–89
UL9024	● Buck	–	500	110	95%	–	SOP–8
UL537	● Linear	–	–	100	–	–	HSOP–8
UL6206B	● Linear	8	550	80	–	–	SOT–223 SOT–89 TO–252 HSOP–8

Power Management > Gate Driver

Part No.	V_{cc}(Min) (V) (Range)	V_{cc}(Max) (V) (Range)	Voltage Class(V)	t_D(nS) (Range)	t_R(nS) (Range)	t_F(nS) (Range)	Package
US2829	4	14	14	40	25	25	SOT-25
UTC4424	4.5	18	18	75	35	35	DIP-16 SOP-16
UGD9511	4.5	18	18	30	22	11	SOT-26
UTR2101	10	20	600	90	90	90	SOP-8
UTR2103	10	20	600	60	170	90	SOP-8 DIP-8
UTR2104	10	20	600	60	170	90	SOP-8
UTR2011	10	20	200	20	40	35	SOP-8
UTR2117	10	20	600	200	130	65	SOP-8 DIP-8
UTR2304	10	20	600	210	120	60	SOP-8
UTR2113	10	20	600	160	35	25	DIP-16
UC1010	4	28	6.5	15	–	–	SOT-25

Power Management > USB Power Switch

Part No.	Vcc(Min) (V) (Range)	V_{cc}(Max) (V) (Range)	Current limit(A) (Range)	Current limit(A) (Range)	Number of switches	Enable	Function	Package
US3075-US3375	3	5.5	0.75	2	1	Active low/Active high	Fault	SOP-8 MSOP-8 TSSOP-8
US201/A/B/C	2	5.5	0.8	2	1	Active low/Active high	Fault	SOT-25
US107	3	5.5	1.5	2.5	1	Active low/Active high	Fault	SOT-25
US203	3.5	5.5	0.8	2.5	1	Active low/Active high	Fault	SOT-25 SOP-8 MSOP-8
US202/A	2.7	5.5	1.5	2.5	1	Active low/Active high	–	SOT-25
US3X77	3	5.5	1	3.7	1	Active low/Active high	Fault	SOP-8 MSOP-8
US206	3	5.5	1	2.5	1	Active low/Active high	Fault	SOT-25
US2076	3	5.5	–	0.75	2	Active low/Active high	Fault	SOP-8
US3076-US3376	3	5.5	0.75	2	2	Active low/Active high	Fault	SOP-8 MSOP-8
US16855	4	5.5	–	0.9	2	Active low/Active high	Fault	SOP-8
US2075A	3.5	5.5	–	0.9	2	Active low	Fault	SOP-8
US2075C	3.5	5.5	–	0.9	2	Active high	Fault	SOP-8
US2175	–	5	–	1.3	2	Active low/Active high	Fault	SOP-8
US2026A	2.7	5.5	–	1.5	2	Active low	Fault	SOP-8
US211	2	5.5	0.8	2	1	Active low/Active high	Fault	SOT-25
US212	2.7	5.5	–	0.8	1	Active low/Active high	Fault	SOP-8
US222	–	5.5	1	2.7	1	Active low/Active high	Fault	SOT-25
US223	3.5	5.5	0.8	2.5	1	Active low/Active high	Fault	SOT-25
US251	3.5	5.5	0.8	2.9	1	Active low/Active high	Fault	SOT-25
US301	2.7	5.2	–	0.4	1	–		SOT-23-3

Power Management > Load Switch

Part No.	V_{cc}(Min) (V) (Range)	V_{cc}(Max) (V) (Range)	I_{CC}(uA) (Range)	I_{STBY}(uA) (Range)	R_{on}(mΩ) (Range)	I_{out}(A) (Range)	Package
US94060	1.8	5.5	2	1	165	2	SOT-26
US94061	1.8	5.5	2	1	165	2	SOT-26
ULS5422	0.8	5.5	78	2	33	–	DFN2020-8

Power Management > LED Display Driver-16-Bit Constant Current

Part No.	V_{in}(V)	V_{out}(V)	I_{out}(mA)	IGND(mA)	Input Clock Frequency (MHz)	Package
L16B06	3.3~5.0	17	70	1500	25	SSOP-24
L16B40	3.3~5.5	20	40	1000	30	SSOP-24
L16B45	3.3~5.5	17	90	1000	25	SOP-24
L16B45A	3.3~5.5	17	45	720	25	SSOP-24
L16B45B	3.3~5.5	11	45	720	35	SSOP-24

Power Management > LED Display Driver-Serial-Interfaced LED Controller

Part No.	V_{in}(V)	LED driver outputs	Sink Current (TYP)(mA)	Source Current (TYP)(mA)	Key-scanning	Package
UL316	4.5~5.5	8 segments/6 digits	320	-40	8 x 2 matrix	SOP-24

Power Management > LED Display Driver-LCD Segment Driver

Part No.	V_{in}(V)	LED driver outputs	Package
UU9792	2.5~5.5	8 Common output36 Segment output	TSSOP-48 SSOP-48
UU97950	2.5~5.5	8 Common output,35 Segment output	TSSOP-48

Power Management > Li-Battery Protection IC

Part No.	V_{cc}(V)	Series Cells	Overcharge Detection Voltage(V)	Overcharge Release Voltage(V)	Over discharge Detection Voltage(V)	Over discharge Release Voltage(V)	Package
UB227	12.0	1	3.9~4.4	3.8~4.4	2.0~3.0	2.0~3.4	SOT-26
UB240	4.0~25.0	4	4.05~4.5	–	–	–	SOP-8 TSSOP-8
UB241	1.5~8.0	1	3.9~4.4	3.8~4.4	2.0~3.0	2.0~3.4	SOT-25
UB211C	1.5~8.0	1	3.9~4.4	3.8~4.4	2.0~3.0	2.0~3.4	SOT-25
UB242	1.8~6.5	1	4.2~4.4	4.005~4.225	2.15~3	2.32~3.1	SOT-26
UB2421	1.8~6.5	1	4.3	4.1	2.4	3.0	SOT-26
UB2422	1.8~6.5	1	3.9~4.5	3.8~4.5	2.0~3.0	2.0~3.0	SOT-26
UB3421	1.8~6.5	1	3.9~4.4	3.8~4.4	2.0~3.0	2.0~3.4	SOT-26
UB24205	1.8~9.0	1	4.25	4.055	2.25	2.85	SOP-8
UB261	1.5~8.0	1	3.9~4.4	3.8~4.4	2.0~3.0	2.0~3.4	SOT-26
UB262	1.5~8.0	1	4.25~4.35	4.05~4.15	2.3~2.9	2.9~3.0	SOT-26
UB209A	1.5~8.0	1	3.8~4.3	3.5~4.2	2.0~3.0	2.4~3.3	TSSOP-8 SOP-8
UB209B	1.5~8.0	1	3.8~4.25	3.5~4.1	2.0~3.0	2.4~3.3	TSSOP-8 SOP-8
UB244A	3.6~24	4	4.05~4.5	–	–	–	MSOP-8
UB264A	3.6~24	4	4.3~4.8	–	–	–	TSSOP-8
UB264B	3.6~24	4	4.3~4.8	–	–	–	TSSOP-8
UB280	1.5~10.0	1	4.05~4.35	3.8~4.25	2.2~3.1	2.3~3.3	SOT-26
UB291	1.5~10.0	1	4.05~4.35	3.8~4.25	2.2~3.1	2.3~3.3	SOT-26
UCM101	2.7~20.0	–	–	–	–	–	SOT-25
UCM102	2.5~20.0	–	–	–	–	–	SOT-23-3
UB3860	1.5~5.5	1	4.475	4.275	2.5	2.9	DFN1616-6

Power Management > Li-Battery Charger IC

Part No.	V_{cc}(V)	IBAT(mA)	I_{cc} (uA)	Package
UB2012	4.5~12.0	–	7000	DIP-8 SOP-8
UB2016	4.5~6	500	2000	SOT-25
UB2017	4.5~6	500	2000	SOT-26
UB6054	4.5~6	500	2000	SOT-25
UB6054A	4.5~6	500	2000	SOT-26
UB10803	4.5~6.0	500	1000	HSOP-8 DFN2030-8
UB2011	3~7	–	350	SOP-8
UC34363	8~30	–	15000	SOP-8

Voltage Supervisor & Reset IC

Part No.	Number of Channels	Function	Output Type	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Icc (uA) TYP. (Range)	Icc (uA) Max (Range)	Detect Voltage (V)Min	Detect Voltage (V)Max	Accurate (%)	Delay time (mS)Min (Range)	Delay time (mS)Max (Range)	Package
81XX	1	● Low Current Consumption ● No Delay time	● Active Low ● Open Drain	0.85	10	3	5	1.8	5	±3.0	0	0.06	SOT-23 SOT-25 SOT-23-3 SOT-89 TO-92
81CXX	1	● Low Current Consumption ● Built-In Delay time	● Active Low ● Push Pull	0.7	10	2	4.2	1	5	±2.0	1	400	SOT-23 SOT-89 SOT-323 TO-92 SOT-223 SOT-23-3
81NXX	1	● Low Current Consumption ● Built-In Delay time	● Active Low ● Open Drain	0.7	10	2	4.2	1	5	±2.0	1	400	SOT-23 SOT-89 SOT-323 TO-92 SOT-223 SOT-23-3
82XX	1	● Built-In Delay time	● Active Low ● Open Drain	0.85	10	–	0.6	2.5	2.93	±0.15	30	1200	SOT-25
82CXX	1	● Low Current Consumption ● No Delay time	● Active Low ● Push Pull	0.7	10	1.1	3.6	1.3	6.2	±2.0	0	0.2	SOT-25 SOT-23 SOT-23-3 SOT-89 TO-92
82NXX	1	● Low Current Consumption ● No Delay time	● Active Low ● Open Drain	0.7	10	1.3	4	1.3	6	±2.0	0	0.2	SOT-23 SOT-23-3 SOT-25 SOT-343 SOT-89 TO-92
84NXX	1	● Low Current Consumption ● Sense Function ● Manual reset input ● Adjustable delay Time	● Active Low ● Open Drain	1.8	6	–	12	ADJ	ADJ	±2.0	15	530	SOT-23-6
86N1C	1	● Wide supply voltage ● Adjustable delay Time	● Active Low ● Open Drain	2	17	270	540	1.25	1.25	±4.0	0.1	1000	SOP-8
88CXX	1	● Low Current Consumption ● Adjustable delay Time	● Active Low ● Push Pull	0.95	10	1.2	5	1.8	4.5	±2.0	0.1	10000	SOT-23-5 SOT-25
88NXX	1	● Low Current Consumption ● Adjustable delayTime	● Active Low ● Open Drain	0.95	10	–	5	1.8	4.5	±2.0	0.1	10000	SOT-25 SOT-23-5 SOT-23-3 SOT-143
89CXX/ 89NXX	1	● Ultra-low current Consumption ● Adjustable delay Time	● Active Low ● Open Drain ● Push Pull	0.9	7	–	2.28	0.9	4.8	± 1.0	0.1	10000	SOT-23-5 SOT-343 SOT-25
UIC809	1	● Low Current Consumption ● Built-In Delay time	● Active Low ● Push Pull	1.0	6	–	10	2.93	2.93	–	140	560	SOT-23-3
UIC811	1	● Low Current Consumption ● Built-In Delay time ● Manual reset input	● Active Low ● Push Pull	1.0	6	–	10	2.63	5	±2.5	140	560	SOT-23 SOT-23-3 SOT-143 SOT-343
UIC812	1	● Low Current Consumption ● Built-In Delay time ● Manual reset input	● Active Low ● Open Drain	1.0	5.5	–	20	2.63	4.63	±2.0	140	560	SOT-25 SOT-23-5 SOT-143
UIC813	1	● Low Current Consumption ● Built-In Delay time	● Active High ● Push Pull	1.0	5.5	–	30	2.63	4.63	±2.0	140	560	SOT-23 SOT-143
UWD706	1	● Built-In Delay time ● Watchdog Function ● Power-Fail ● Manual reset input	● Active Low ● Push Pull	1.0	5.5	50	250	2.63	4.65	–	110	300	SOP-8

Voltage Supervisor & Reset IC

Part No.	Number of Channels	Function	Output Type	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Icc (uA) TYP. (Range)	Icc (uA) Max (Range)	Detect Voltage (V)Min	Detect Voltage (V)Max	Accurate (%)	Delay time (mS)Min (Range)	Delay time (mS)Max (Range)	Package
UWD708	2	●Built-In Delay time ●Daul Output ●Power-Fail ●Manual reset input	●Active High/ Low ●Push Pull	1.0	5.5	50	150	2.63	4	-	120	280	SOP-8
UWD813	1	●Built-In Delay time ●Watchdog Function ●Power-Fail ●Manual reset input	●Active High ●Push -Pull	1.0	5.5	150	350	4.63	4.63	-	150	300	SOP-8
UWD817	1	●Built-In Delay time ●Watchdog Function ● Manual reset input	●Active Low ●Push Pull	1.0	5.5	-	50	2.63	4.65	±2.0	140	280	SOT-25
3510	2	●OVP/OVLO ●UVP/UVLO	●Open Drain	4	15	-	1000	3.3	5	±5.0	200	450	DIP-8 SOP-8
3511	2	●OVP/OVLO ●UVP/UVLO	●Open Drain	3.8	15	-	1000	3.3	5	±5.0	200	490	DIP-8 SOP-8
3513	3	●OVP/OVLO ●UVP/UVLO ●OCP monitors	●Open Drain	4	15	-	1000	3.3	12	±5.0	200	490	DIP-16 SOP-16
3520	4	●OVP/OVLO ●UVP/UVLO	●Open Drain	3	5.5	10000	20000	3.3	12	±5.0	150	350	DIP-16
3521	4	●OVP/OVLO ●UVP/UVLO	●Open Drain	3	5.5	10000	20000	3.3	12	±5.0	100	500	DIP-16
S3515	4	●OVP/OVLO ●UVP/UVLO ●OCP monitors	●Open Drain	4	15	1.8	200	3.3	12	±5.0	200	450	DIP-14 SOP-14
S3525	4	●OVP/OVLO ●UVP/UVLO ●OCP monitors	●Open Drain	4	15	-	1000	3.3	12	±5.0	200	490	DIP-14 SOP-14
S3526	3	●OVP/OVLO ●UVP/UVLO ●OCP monitors	●Open Drain	3.8	16	4500	6000	-	12	-	200	400	DIP-14 SOP-14
S3527	4	●OVP/OVLO ●UVP/UVLO ●OCP monitors	●Open Drain	3.8	16	1	200	3.3	12	±5.0	100	400	DIP-16 SOP-16
83NXX	1	●Low Current Consumption ●Built-In Delay time	●Active Low ●Push Pull	1.6	6.5	0.4	3.4	0.35	0.85	-	0	12500	DFN1616-6
UTL7712	2	●Externally Adjustable pulse Duration	●Push Pull	3.5	18	1.8	3	10.9	10.95	±2.0	0	-	SOP-8 DIP-8

Audio IC > Audio Amplifier

Part No.	Speaker channels	Function	Architecture	Supply Voltage (V) Min (Range)	Supply Voltage (V)Max (Range)	Output Power Pout (W) (Range)	Output Power THD (%) (Range)	Output Power Speaker Load (Ω)(Range)	Package
KA8602	1	●Mute	●Class AB	2	16	0.25	10	32	DIP-8 SOP-8
MC3419	1	●Mute	●Class AB	2	16	0.25	10	32	DIP-8 SOP-8 TSSOP-8
MC34119	1	●Mute	●Class AB	2	16	0.25	10	32	DIP-8 SOP-8 TSSOP-8 DFN3030-8
PA4819	1	●Standby	●Class AB	2	5.5	0.35	10	16	SOP-8
LM4862	1	●Standby	●Class AB	2	5.5	0.5	1	8	DIP-8 SOP-8
LM386	1	●Gain Setting	●Class AB	4	12	0.7	10	8	DIP-8 SOP-8 TSSOP-8
TA7368P	1	●Gain Setting	●Class AB	3	14	1.1	10	8	DIP-8 SIP-9
TDA8541	1	●Standby Mute	●Class AB	2.3	18	1	10	8	SOP-8
PA4871	1	●Standby	●Class AB	2	5.5	1.1	0.5	8	SOP-8 MSOP-8 DFN3030-8
PA4990	1	●Standby	●Class AB	2.2	5.5	1.2	1	8	SOP-8 MSOP-8 DFN3030-8
TBA820M	1	-	●Class AB	-	16	1.2	10	8	SOP-8 DIP-8
PA6204	1	●Standby /Gain Setting	●Class AB	2.5	5.5	1.7	10	8	SOP-8 MSOP-8 DFN3030-8
AN17823	1	●Standby Mute	●Class AB	3.5	13.5	4	10	8	HSIP-9B
TDA2003	1	-	●Class AB	8	18	10	10	2	TO-220B TO-220-5 TO-220B1 TO-263-5
TDA2030	1	-	●Class AB	±6	±18	14	0.5	4	TO-220B TO-220-5 TO-220B1
TDA2030A	1	-	●Class AB	±6	±22	18	0.5	4	TO-220-5 TO-220B TO-220B1
A7240	1	●Standby	●Class AB	-	18	20	10	4	TO-220Z7
TDA7360	1	●Standby BTL and SE Mode	●Class AB	8	18	20	10	4	HZIP-11A HZIP-15A
LM1875	1	-	●Class AB	16	60	25	1	8	TO-220B TO-220-5
TDA2050	1	-	●Class AB	±4.5	±25	32	10	8	TO-220B TO-220B1 TO-220-5 TO-263-5
DPA5V3F	1	●Standby	●Class D	2.4	5.5	2.8W	10	4	SOP-8
M4670	2	●Standby	●Class AB	2	5.5	0.105	0.1	16	MSOP-10
LM4880	2	●Standby	●Class AB	2.7	5.5	0.25	0.1	8	DIP-8 HSOP-8
TDA2822H	2	-	●Class AB	1.8	6	0.35	10	4	DIP-8 SOP-8
TDA2822	2	-	●Class AB	1.8	12	0.65	10	4	DIP-8 SOP-8
PA4894	2	●Standby	●Class AB	2	5.5	1	1	8	MSOP-10
M2073	2	-	●Class AB	1.8	15	1.2	10	8	DIP-8 SOP-8
TEA2025AH	2	● BTL and SE Mode	●Class AB	3	12	1.5	10	4	DIP-16
PA3017	2	●Standby / Selectable Gain	●Class AB	4.5	5.5	1.9	1	4	HTSSOP-20

Audio IC > Audio Amplifier

Part No.	Speaker channels	Function	Architecture	Supply Voltage (V) Min (Range)	Supply Voltage (V)Max (Range)	Output Power Pout (W) (Range)	Output Power THD (%) (Range)	Output Power Speaker Load (Ω)(Range)	Package
PA4867	2	●Standby Mute /BTL and SE Mode	●Class AB	2	5.5	1.9	1	4	TSSOP-20 HTSSOP-20
PA4890	1	●Standby /BTL and SE Mode	●Class AB	2.5	5.5	1.1	1	8	SOP-8 MSOP-8
PA3427	2	●Shutdown /Selectable Gain ●PC-Beep input/ BTL and SE Mode	●Class AB	4.5	5.5	2	1	4	HTSSOP-24
PA3428	2	●Shutdown /Selectable Gain ● PC-Beep input /BTL and SE Mode	●Class AB	4.5	5.5	2	1	4	HTSSOP-24
PA3431	2	●Standby / Selectable Gain	●Class AB	4.5	5.5	2	1	4	HTSSOP-20
PA3202	2	●Standby Mute /BTL and SE Mode	●Class AB	3	5.5	2.2	1	3	HTSSOP-24
PA4863	2	●Standby Mute /BTL and SE Mode	●Class AB	2	5.5	2.2	1	4	DIP-16 SOP-16 SOP-18 HTSSOP-20
TEA2025	2	● BTL and SE Mode	●Class AB	3	12	2.3	10	4	DIP-16
TEA2025A	2	● BTL and SE Mode	●Class AB	3	12	2.3	10	4	DIP-12H
TEA2025D	2	● BTL and SE Mode	●Class AB	3	12	2.3	10	4	SOP-20
2206	2	● BTL and SE Mode	●Class AB	-	11	2.3	10	4	DIP-12H
PA3212	2	●Shutdown /Selectable Gain ●PC-Beep input/ BTL and SE Mode	●Class AB	4.5	5.5	2.6	10	3	HTSSOP-24
PA3312	2	●Shutdown /Selectable Gain ●PC-Beep input/ BTL and SE Mode	●Class AB	4.5	5.5	2.6	10	3	HTSSOP-24
PA3332	2	●Standby Mute	●Class AB	-	6	2.6	10	4	HTSSOP-24
PA7522	2	●Standby/DC Volume Control	●Class AB	3.5	13.5	3	10	8	HSIP-12A HSIP -14B
TA8227AP	2	-	●Class AB	5	12	3	10	3	SOP-20 DIP-12H
TA8207K	2	-	●Class AB	6	15	4.6	10	4	FSIP-12H
UA8229	2	-	●Class AB	6	15	4.6	10	4	HZIP-15A HSIP-14B
PA1517	2	●Standby Mute	●Class AB	6	18	6	10	4	HSIP-9B DIP-18 DIP-20
TDA7266	2	●Standby Mute	●Class AB	3	18	7	10	8	HZIP-15A HZIP-15B HZIP-15D
TDA7499	2	●Standby Mute	●Class AB	±5	±18	10	10	8	HZIP-11A
TDA2004	2	●Standby Mute	●Class AB	8	18	10	10	2	HSIP-14 HZIP-11A
PA2009	2	-	●Class AB	8	28	10	1	4	HZIP-11A

Audio IC > Audio Amplifier

Part No.	Speaker channels	Function	Architecture	Supply Voltage (V) Min (Range)	Supply Voltage (V)Max (Range)	Output Power Pout (W) (Range)	Output Power THD (%) (Range)	Output Power Speaker Load (Ω)(Range)	Package
TDA7297	2	●Standby Mute	●Class AB	6.5	18	10	10	8	HZIP-15D
TDA1519C	2	●Standby Mute	●Class AB	6	17.5	11	10	2	HSIP-9B
PA2616	2	●Mute	●Class AB	±7.5	±21	12	0.5	8	HSIP-9B
TDA22003	2	-	●Class AB	8	28	12.5	1	4	TO-220Z9
TDA7269	2	●Standby Mute	●Class AB	±5	±20	14	10		HZIP-11A
PA2005	2	-	●Class AB	8	18	20	10	4	HZIP-11A HSIP-14B
TDA7265	2	●Standby Mute	●Class AB	±5	±25	25	10		HZIP-11A
UPA2008	2	●Standby / Volume Control	●Class D	4.5	5.5	3	10	3	HTSSOP-24
TDA7377	2/4	●Standby /Diagnostics ● BTL and SE Mode	●Class AB	8	18	20	10	4	HZIP-15A HZIP-15D
TDA7375	2/4	●Standby /Diagnostics ●BTL and SE Mode	●Class AB	8	18	25	10	4	HZIP-15A HZIP-15D
TDA7388	4	●Standby Mute /BTL Mode	●Class AB	8	18	26	10	4	HZIP-25B
TDA7052A	1	●DC Volume Control ●Mute mode	●Class AB	4.5	18	1.1	10	8	SOP-8 DIP-8
TDA7053A	2	●DC Volume Control ● Mute mode	●Class AB	4.5	18	1.1	10	8	DIP-16 SOP-16
PA4838	2	●DC Volume Control ●Standby Mute ●Selectable Gain ● BTL and SE Mode	●Class AB	2.7	5.5	2	1	4	HTSSOP-28 TSSOP-28
PA6021	2	●DC Volume Control ●Shutdown ●BTL and SE Mode ●FADE	●Class AB	4	5.5	2	10	4	DIP-20
PA7493	2	●DC Volume Control ● Shutdown ● BTL and SE Mode	●Class AB	3	6	2	10	4	DIP-16 SOP-16
TDA7496L	2	●DC Volume Control ●Standby Mute ●Internally Fixed Gain	●Class AB	10	18	2	10	8	DIP-20 SOP-20 HZIP-15D
PA7468	2	●DC Volume Control ●Shutdown Mute ● BTL and SE Mode	●Class AB	4.5	5.5	2.6	10	4	SOP-16
PA7469	2	●DC Volume Control ● Standby ● BTL and SE Mode	●Class AB	4.5	5.5	2.6	10	4	DIP-16 SOP-16

Audio IC > Audio Amplifier

Part No.	Speaker channels	Function	Architecture	Supply Voltage (V) Min (Range)	Supply Voltage (V)Max (Range)	Output Power Pout (W) (Range)	Output Power THD (%) (Range)	Output Power Speaker Load (Ω)(Range)	Package
TDA8496	2	●DC Volume Control ●Standby Mute ●Internally Fixed Gain	●Class AB	10	32	5	10	8	HZIP-15A HZIP-15B HZIP-15D
A4537	2	●Headphone /Mute	●Class AB	0.9	4	0.008	10	16	MSOP-10 SSOP-10
S486	2	●Headphone /Standby	●Class AB	2	5.5	0.102	0.1	16	SOP-8 MSOP-8
3541	2	●Headphone /Mute	●Class AB	3	6	0.11	0.1	16	DIP-8 SOP-8
PA2308	2	●Headphone	●Class AB	3	6	0.084	0.1	32	SOP-8
PA3112	2	●Headphone /Shutdown	●Class AB	2.5	5.5	0.09	0.1	32	MSOP-10
L3305	1	●Headphone	●Class AB	1	3	-	-	-	TSSOP-14 SOP-14
TDA8547	2	-	●Class AB	2.2	18	0.7	10	8	SSOP-20N

Audio IC > Audio Related Controller

Part No.	Number of Channels	Supply Voltage (V)Max (Range)	Supply Voltage (V)Min (Range)	Supply Current (mA)Max (Range)	Output Voltage (Vrms) (Range)	THD (Range)	Package
UMPI06	1	0.8	3.6	0.4	-	-	SOT-26
ULV1012	1	2	5	0.3	1.64	1	SOT-26
U2429	2	4.5	5.5	16	1.3	1	SOP-8 DIP-8
UM2750	2	4.7	13	13	2.5	1	SOP-16
UM2752	2	4.7	10	15	2.5	1	TSSOP-14
ULV7084	1	1.5	3.6	0.25	0.281	1	SOT-23-5
U7313	4	6	10	11	2.5	0.3	SOP-28 DIP-28
UAP7313	4	4	10	40	2.5	1	SOP-28
UPC1237	1	25	60	8	-	-	SIP-8
ALDR605	2	3	3.6	14.5	2	1	HMSOP-10
ALDR632	3.0V~3.6V	3	3.6	25	2	1	TSSOP-14
ALDR6138	2	3	3.6	25	-	1	TSSOP-14

Amplifier IC > Operational Amplifier

Part No.	Function	Number of Channels	V_{CC} (V) Min (Range)	V_{CC} (V) Max (Range)	I_q (mA) Max (Range)	V_{OS} (mV) Max (Range)	Slew Rate (V/us)TYP (Range)	Bandwidth (MHz)TYP (Range)	Package
M2107	● Bipolar Technology	1	±1.0	±3.5	3	6	3	-	SOT-25
M2110	●Bipolar Technology ●Single-Supply Operation	1	2.7	5.3	4.5	-	-	-	SOP-8 TSSOP-8
M2120	●Bipolar Technology ●Analog Switch Function	2	±2.5	±18	6	6	1.2	3.5	SOP-8
M2125	●Bipolar Technology	1	±2.7	20	1.75	7	1.2	1.2	SOT-25 SOT-353
M2136	●Bipolar Technology ●High Slew Rate ●High Bandwidth	1	±1.35	±6	0.82	5	45	200	SOP-8 TSSOP-8
LM318	●Bipolar Technology ●High Slew Rate ●External Components to Compensate	1	±5.0	±20	10	10	70	15	DIP-8 SOP-8
LM321	●Bipolar Technology ●Input Common-Mode Voltage Range Include Ground	1	3	32	2.85	7	0.4	1	SOT-25 SOT-23-5
TS321	●Bipolar Technology ●Input Common-Mode Voltage Range Include Ground	1	3	30	0.9	4	0.4	0.8	SOT-25
OP07C	●Bipolar Technology ●External Input Offset Voltage Adjustment	1	3	18	5	0.06	0.3	0.6	DIP-8 SOP-8
CA3080	●Bipolar Technology ●Fully Adjustable Gain: 0 to gMRL Limit	1	±2	±15	1.3	2	50	2	DIP-8
MC336	●Bipolar Technology ●External Input Offset Voltage Adjustment	1	±5	±15	2.8	6	0.5	-	DIP-8 SOP-8
LV2460 LV2461	●CMOS Technology ●Rail-to-Rail Input/Output ●Shutdown Mode	1	2.7	6	0.575	2	1.6	6.4	SOP-8 SOT-26 SOT-25
LV321	●CMOS Technology ●Rail-to-Rail Output	1	2.7	5.5	0.25	7	0.8	1	SOT-25 SOT-353
LLV321	●CMOS Technology ●Rail-to-Rail Output	1	2.5	5.5	0.12	7	1.5	1.4	SOT-353
ULV3211	●CMOS Technology ●Rail-to-Rail Input/Output	1	3	5.5	0.7	10	5.2	6.5	SOT-25
ULV335	●CMOS Technology ●Rail-to-Rail Input/Output ●Low Offset Voltage	1	2.7	5.5	0.6	0.02	1.6	2	SOP-8 SOT-25
ULV3541	●CMOS Technology ●Rail-to-Rail Input/Output ●High Slew Rate ●High Bandwidth ●Thermal Shutdown	1	2.5	5.5	7	10	170	220	SOP-8 SOT-25
ULV6001	●CMOS Technology ● Rail-to-Rail Input/Output	1	1.8	5.5	0.315	7	0.9	1.5	SOT-25 SOT-23-5 SOT-353
ULV6042	●Wide Supply Voltage Range ●Low Quiescent Current ●Rail-to-Rail Input/Output	2	1.4	6	0.0012	4	0.003	0.014	SOP-8
ULV7011	●CMOS Technology ●Rail-to-Rail Output ●Low Operating Current	1	1	5.5	0.025	10	0.15	0.4	SOT-25

Part No.	Function	Number of Channels	V_{cc} (V) Min (Range)	V_{cc} (V) Max (Range)	I_q (mA) Max (Range)	V_{OS} (mV) Max (Range)	Slew Rate (V/us)TYP (Range)	Bandwidth (MHz)TYP (Range)	Package
ULV7012	● CMOS Technology ●Rail-to-Rail Output ●Low Operating Current	1	1	5.5	0.16	10	1.5	1.2	SOT-25
ULV7013	● CMOS Technology ●Rail-to-Rail Output	1	1	5.5	0.4	10	2.5	1.8	SOT-25
ULV8538	●CMOS Technology ●Rail-to-Rail Input/Output ●Low Offset Voltage	1	2.7	5.5	0.18	0.013	0.4	0.43	SOP-8 SOT-25
ULV8551	●CMOS Technology ●Rail-to-Rail Input/Output ●Low offset voltage	1	2.7	5	1	0.02	0.3	1.2	SOP-8
ULV8551XN	●CMOS Technology ●Rail-to-Rail Output ●Low Offset Voltage ●Low Operating Current	1	2.7	5.5	0.7	0.045	0.7	1	SOT-25
ULV8551XK	●CMOS Technology ●Rail-to-Rail Output ●Low Offset Voltage ●Low Operating Current	1	2.7	5.5	0.87	0.045	2	3.2	SOT-25
ULV341	●CMOS Technology ●Rail-to-Rail Output ●Shutdown Mode	1	1.5	5.5	0.32	4	1	2.3	SOT-26
LV651	●CMOS Technology ●Rail-to-Rail Output	1	2.7	5.5	0.14	1.5	3	12	SOT-25
LV715	●CMOS Technology ●Rail-to-Rail Input/Output ●Shutdown Mode	1	2.7	5	1.7	3	5	5	SOT-26
LV721	●CMOS Technology ●Rail-to-Rail Output	1	2.2	5.5	1.4	3	5.25	10	SOT-25
LV821	●CMOS Technology ●Rail-to-Rail Output	1	2.5	5.5	0.4	3.5	2	5.6	SOT-25
LV981	●CMOS Technology ●Rail-to-Rail Input/Output ●Shutdown Mode	1	1.8	5	0.21	4	0.42	1.4	SOT-26
MC1458	●Bipolar Technology ●Output Short-Circuit Protection	2	± 4	± 22	5	5	0.8	1	DIP-8 SOP-8
M2100	●Bipolar Technology	2	2	7	5	6	4	12	DIP-8 SOP-8 TSSOP-8
M2115	●Bipolar Technology	2	2	7	5	6	4	12	DIP-8 SOP-8 TSSOP-8
UM2122	●Bipolar Technology	2	± 2	± 8	9.5	6	2	12	SOP-8
M2904	●Bipolar Technology	2	3	32	1.2	7	0.5	0.2	DIP-8 SOP-8 TSSOP-8 MSOP-8
3308	●Bipolar Technology ●High Output Current	2	3	15	5	5	1	1.3	DIP-8 SOP-8 TSSOP-8
MC33078	●Bipolar Technology	2	± 5	± 18	5	2	7	16	SOP-8
MC33178	●Bipolar Technology ●600Ω Output Drive Capability	2	± 2	± 18	1.4	3	2	5	DIP-8 SOP-8
MC33272	●Bipolar Technology ●High Slew Rate ●High Bandwidth	2	3	36	2.75	1	10	24	SOP-8
MC34072	●Bipolar Technology ●High Slew Rate ●Output Short-Circuit Protection	2	3	44	2.8	3	13	4.5	DIP-8 SOP-8 TSSOP-8 MSOP-8

Part No.	Function	Number of Channels	V_{cc} (V) Min (Range)	V_{cc} (V) Max (Range)	I_q (mA) Max (Range)	V_{OS} (mV) Max (Range)	Slew Rate (V/us)TYP (Range)	Bandwidth (MHz)TYP (Range)	Package
3404	●Bipolar Technology	2	4	36	3.5	5	1.2	1.2	DIP-8 SOP-8 TSSOP-8
3414	●Bipolar Technology ●High Output Current	2	3	15	5	5	1	1.3	DIP-8 SOP-8 TSSOP-8
3422	●Bipolar Technology ●High Slew Rate ●High Bandwidth	2	3	36	2.75	2.5	15	25	DIP-8 SOP-8 DFN3030-8
LM258	●Bipolar Technology ●Wide power supply range ●Input common-mode voltage range include ground	2	3	32	0.83	7	1	1	SOP-8 MSOP-8 TSSOP-8 DFN2020-8 SIP-9
LM358	●Bipolar Technology ●Input Common-Mode Voltage Range Include Ground	2	3	32	2	5	0.5	1	DIP-8 SOP-8 SIP-9 MSOP-8 TSSOP-8 DFN2020-8
MC4556	●Bipolar Technology ●High Output Current	2	± 2	± 18	12	6	3	8	DIP-8 SOP-8
MC4558	●Bipolar Technology	2	± 4	± 22	4.5	6	2.2	2.8	DIP-8 SOP-8 TSSOP-8 SIP-8 SIP-9 MSOP-8
MC4560	●Bipolar Technology	2	± 4	± 18	5.7	6	4	10	DIP-8 SOP-8 MSOP-8
M4565	●Bipolar Technology	2	± 4	± 18	7	3	4	10	DIP-8 SOP-8 TSSOP-8
MC4580	●Bipolar Technology	2	± 2	± 18	9	3	5	15	DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2030-8 SIP-8
LM833	●Bipolar Technology	2	± 2.5	± 15	8	5	7	15	SOP-8 MSOP-8
LM224	●Bipolar Technology ●Input Common-Mode Voltage Range Includes Ground	4	3	30	3	5	–	–	DIP-14 SOP-14 TSSOP-14
LM324	●Bipolar Technology ●Input Common-Mode Voltage Range Includes Ground	4	3	32	3	5	–	–	DIP-14 SOP-14 TSSOP-14 QFN-16(3×3)
MC34074	●Bipolar Technology ●High Slew Rate ●Output Short-Circuit Protection	4	3	44	2.5	5	13	4.5	DIP-14 SOP-14
TL062	●Bipolar Technology ●Low Power Consumption ●Output Short-Circuit Protection ●High Input Impedance J-FET Input Stage	2	± 4	± 18	0.5	15	1.1	1	DIP-8 SOP-8 TSSOP-8
TL072	●Bipolar Technology ●Output Short-Circuit Protection ●High Input Impedance J-FET Input Stage ● High Slew Rate	2	± 4	± 18	2.5	10	10	4	DIP-8 SOP-8 TSSOP-8
TL082	●Bipolar Technology ●Output Short-Circuit Protection ●High Input Impedance J-FET Input Stage ● High Slew Rate	2	± 4	± 18	5.6	10	10	4	DIP-8 SOP-8 TSSOP-8
TL074	●Bipolar Technology ●Output Short-Circuit Protection ●High Input Impedance J-FET Input Stage ● High Slew Rate	4	± 4	± 18	2.5	6	13	3	DIP-14 SOP-14

Part No.	Function	Number of Channels	V_{CC} (V) Min (Range)	V_{CC} (V) Max (Range)	I_q (mA) Max (Range)	V_{OS} (mV) Max (Range)	Slew Rate (V/us)TYP (Range)	Bandwidth (MHz)TYP (Range)	Package
TL084	●Bipolar Technology ●Output Short-Circuit Protection ●High Input Impedance J-FET Input Stage ●High Slew Rate	4	±4	±18	2.8	15	2	1	DIP-14 SOP-14 TSSOP-14
ULV2262	●CMOS Technology ●Rail-to-Rail Output	2	2.7	6.5	0.55	0.95	0.8	0.71	SOP-8
OPA2336	●CMOS Technology ●Rail-to-Rail Output ● Low Offset Voltage ● Low Operating Current ● Single-Supply Operation	2	2.3	5.5	0.032	0.13	0.03	0.1	SOP-8 DFN2030-8
ULV2362	●Bipolar Technology	2	±1	±2.5	4	6	3	7	SOP-8
ULV2333	●CMOS Technology ●Rail-to-Rail Input/Output ● Low Offset Voltage ● Low Operating Current*	2	1.8	5.5	0.148	0.025	0.25	0.35	SOP-8 MSOP-8
LV2462 -LV2463	●CMOS Technology ●Rail-to-Rail Input/Output ●Shutdown Mode	2	2.7	6	0.65	2	1.6	6.4	SOP-8 MSOP-8 MSOP-10
LV2622	●CMOS Technology ●Rail-to-Rail Input/Output	2	2.5	5.5	0.4	3	1.7	3	SOP-8 MSOP-8 TSSOP-8 DFN2030-8
ULV2772	●CMOS Technology ●Rail-to-Rail Output ●High Slew Rate	2	2.5	6	2	2.7	10.5	5.1	TSSOP-8 SOP-8
LV358	●Bipolar Technology ●Rail-to-Rail Output	2	2.7	5.5	0.44	7	1	1	SOP-8 TSSOP-8 MSOP-8 DFN2030-8
ULV5532	●CMOS Technology ●Rail-to-Rail Input/Output ●Low Supply Current ●Low Offset Voltage	2	1.8	5.5	0.06	0.12	0.23	0.35	SOP-8
ULV661	●CMOS Technology ●Rail-to-Rail Output ●High Slew Rate ●High Bandwidth	1	2.5	5.5	9	8	32	50	SOP-8
ULV662	●CMOS Technology ●Rail-to-Rail Output ●High Slew Rate ●High Bandwidth	2	2.5	5.5	9	1.5	32	50	SOP-8 MSOP-8 DFN3030-10
ULV7002	●CMOS Technology ●Rail-to-Rail Input/Output	2	1.5	5.5	0.00076	3	0.001	0.0011	SOP-8
ULV8539	●Low supply current ●Low offset voltage	2	2.7	5.5	0.23	0.015	0.4	0.4	SOP-8
ULV8542	●CMOS Technology ●Rail-to-Rail Input/Output ●Low Supply Current	2	2.1	5.5	0.12	3.5	0.8	1.1	SOP-8 MSOP-8 DFN2020-8
ULV8552	●CMOS Technology ●Rail-to-Rail Input/Output ●Low offset voltage	2	2.7	5	1	0.02	0.33	1.2	SOP-8
ULV8562	●CMOS Technology ●Rail-to-Rail Input/Output	2	2	5.5	0.62	3	3.7	5.5	SOP-8

Part No.	Function	Number of Channels	V_{CC} (V) Min (Range)	V_{CC} (V) Max (Range)	I_q (mA) Max (Range)	V_{OS} (mV) Max (Range)	Slew Rate (V/us)TYP (Range)	Bandwidth (MHz)TYP (Range)	Package
ULV607	●CMOS Technology ●Single-Supply Operation ●Input Common-Mode Voltage Range Includes Ground ●Output Voltage Range Includes Negative Rail	2	4	16	4	10	4.6	2.2	SOP-8
ULV912	●Bipolar Technology ●Low Supply-Voltage Operation ●Wide Bandwidth ●High Slew Rate	1	±1	±2.5	5	6	2	4	SOT-25
LV2464	●CMOS Technology ●Rail-to-Rail Input/Output	4	2.7	6	0.65	2	1.6	6.4	SOP-14 TSSOP-14
LV324	●Bipolar Technology ●Rail-to-Rail Output	4	2.7	5.5	0.83	7	1	1	SOP-14 TSSOP-14
ULV724	●CMOS Technology ●Rail-to-Rail Input/Output ● High Bandwidth	4	2.1	5.5	1.6	4	8.5	11	TSSOP-14 SOP-14
LMH358	●Bipolar Technology ●Rail-to-Rail Output	2	4.5	16	0.75	10	1.3	4	SOP-8
ULV1546	●CMOS Technology ●Rail-to-Rail Output ●High Slew Rate ●High Bandwidth ●High Output Current	4	5	20	1.2	15	27	28	TSSOP-14
L6132	●CMOS Technology ● Rail-to-Rail Input/Output ●High Slew Rate ●High Bandwidth	2	2.7	24	0.45	8	14	10	SOP-8
L6142	●CMOS Technology ●Rail-to-Rail Input/Output ●High Slew Rate ●High Bandwidth	2	2.7	24	1.15	5	25	17	SOP-8
L6134	●CMOS Technology ●Rail-to-Rail Input/Output ●High Slew Rate ●High Bandwidth	4	2.7	24	0.49	12	14	11	SOP-14
L6144	●CMOS Technology ●Rail-to-Rail Input/Output ●High Slew Rate ●High Bandwidth	4	2.7	24	1.15	5	25	17	SOP-14
TCA0372	●Bipolar Technology ●Internal Thermal Shutdown ●Output Current to 1.0A	2	4	40	10	15	3.2	2.8	DIP-16 SOP-16 SOP-16W
CA3140	●Bipolar Technology ●MOSFET Input Stage ●External Input Offset Voltage Adjustment	1	4	36	6	15	2	4.5	DIP-8
LM2902	●Bipolar Technology ●Wide Supply Voltage Range ●Low Supply Current Drain Independent of Supply Voltage ●Large DC voltage gain ●Input Common-Mode Voltage Range Includes Ground	4	3	30	1.2	5	–	–	DIP-14 SOP-14 TSSOP-14
LM2904	●Bipolar Technology ●Wide Supply Voltage Range ●Low Supply Current Drain Independent of Supply Voltage ● Large DC voltage gain ● Input Common-Mode Voltage Range Includes Ground	2	3	32	1.2	5	0.5	1	DIP-8 SOP-8 TSSOP-8 MSOP-8 SIP-9 DFN2020-8

Amplifier IC > Operational Amplifier

Part No.	Function	Number of Channels	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Iq (mA) Max (Range)	Vos (mV) Max (Range)	Slew Rate (V/us)TYP (Range)	Bandwidth (MHz)TYP (Range)	Package
ULV347	●CMOS Technology ●Low Supply Current ●Rail-to-Rail Input and Output	1	2.5	5.5	0.06	5.5	0.17	0.35	SOT-25 SOT-353
ULV8532	●CMOS Technology ●Low Supply Current ●Rail-to-Rail Input and Output	2	2.1	5.5	0.053	1	0.2	0.5	SOP-8
ULV8541	●CMOS Technology ●Low Supply Current ●Rail-To-Rail Input and Output	1	2.7	5.5	0.12	6	0.92	0.95	SOP-8
ULV7266	●CMOS Technology ●Ultra Low Supply Current ●Rail-To-Rail Input and Output	2	1.8	5.5	0.0017	8.5	0.0035	0.012	SOP-8

Amplifier IC > Voltage Comparator

Part No.	Features	Number of Channels	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Iq (mA) Max (Range)	Vos(mV) Max (Range)	Propagation delay time (μs)Min (Range)	Propagation delay time (μs)Max (Range)	Package
ULC831	●Push-Pull Output ●Rail-to-Rail Input/ Output ●Very Low Supply Current	1	1.4	5.5	0.002	0.5	-	33	SOT-25 SOT-23-5
ULC3491	●Push-Pull Output ●Rail-to-Rail Input/ Output ●Very Low Supply Current	1	1.8	5.5	0.0012	15	-	-	SOP-8 SOT-25 SOT-353
LMV331	●Open-Darin Output ●Low Supply Current	1	2.7	5	0.12	7	-	3	SOT-25 SOT-23-5 SOT-353
UTL331/A	●Open-Darin Output ●Signal or Dual Supply Operation	1	2	36	0.9	5	-	1.3	SOT-25 SOT-23-5 SOT-353
TS391/A/B/C	●Open-Darin Output ●Signal or Dual Supply Operation	1	2	36	1.25	5	-	1.3	SOT-25 SOT-353
LMV393	●Open-Darin Output ●Low Supply Current	2	2.7	5	0.2	7	-	3.4	DIP-8 SOP-8 MSOP-8
ULC3702	●Push-Pull Output ●Very Low Supply Current	2	3	16	0.04	5	-	1.1	DIP-8 SOP-8 TSSOP-8
ULC393	●Open-Darin Output ●Very Low Supply Current	2	3	16	0.04	5	-	2	SOP-8

Amplifier IC > Voltage Comparator

Part No.	Features	Number of Channels	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Iq (mA) Max (Range)	Vos(mV) Max (Range)	Propagation delay time (μs)Min (Range)	Propagation delay time (μs)Max (Range)	Package
LM393	●Open-Darin Output ●Signal or Dual Supply Operation	2	2	36	2.5	5	-	1.4	DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2020-8
LM339	●Open-Darin Output ●Signal or Dual Supply Operation	4	2	36	2	3	-	1.4	DIP-14 SOP-14 TSSOP-14 QFN-16(3x3)
LM2901	●Open-Darin Output ●Signal or Dual Supply Operation	4	2	36	2	3	-	1.4	DIP-14 SOP-14 TSSOP-14 QFN-16(3x3)
LM2903	●Open-Darin Output ●Signal or Dual Supply Operation	2	2	36	2.5	5	-	1.4	DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2020-8
LM339-Q	●Bipolar Technology ●Signal or Dual Supply Operation ●Wide Operating Supply Range	4	2	36	2	3	-	1.4	DIP-14 SOP-14 TSSOP-14 QFN-16(3x3)
LM393-Q	●Bipolar Technology ●Signal or Dual Supply Operation ●Wide Operating Supply Range	2	2	36	2.5	5	-	1.4	DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2020-8
LM293	●Bipolar Technology ●Signal or Dual Supply Operation ●Wide Operating Supply Range	2	2	36	2.5	5	-	1.4	DIP-8 SOP-8 TSSOP-8 MSOP-8 DFN2020-8
LM239	●Bipolar Technology ●Signal or Dual Supply Operation ●Wide Operating Supply Range	4	2	36	2	3	-	1.4	DIP-14 SOP-14 TSSOP-14 QFN-16(3x3)

Analog Switch > Video Signal Switch

Part No.	Number of channels	Vcc (V) Min (Range)	Vcc (V) Max (Range)	Icc (mA) (Range)	Voff (mV) (Range)	Package
UM1671	1	2.8	5.5	10	-	DIP-8 SOT-26
V2267	2	4.85	9	18.2	-	DIP-8 SOP-8 TSSOP-8 MSOP-8
M3355	2:1	4.75	13	11	15	DIP-8 SOP-8 TSSOP-8
M3366	3:1	4.75	13	22	30	DIP-8 SOP-8
M3368	3:1	4.75	13	21	60	DIP-8 SOP-8
M4034	3:1	4.75	13	14.5	30	DIP-8 SOP-8 MSOP-8 SIP-8
M7612	3:1	4.5	13	29	-	SOP-8 SIP-8
A7623	3	4.5	5.5	37.8	-	SOP-8
VF8143	3	4.75	5.25	27	-	SOP-8
VF8146	6	4.75	5.25	55	-	TSSOP-14
VF8418	3	4.75	5.25	70	-	DIP-16

Part No.	Configuration	Number of Channels	Function	V_{CC} (V) Min (Range)	V_{CC} (V) Max (Range)	IQ (uA) Max (Range)	RON (Ohms) Max (Range)	Bandwidth (MHz) Max (Range)	Package
4051	8:1	1	●Multiplexers/ Demultiplexers ●Break-Before-Make Switching ●OE pin	3	18	20	280	17	DIP-16 SOP-16 TSSOP-16
4052	4:1	2	●Multiplexers/ Demultiplexers ●Break-Before-Make Switching ●OE pin	3	18	20	280	17	DIP-16 SOP-16 TSSOP-16
4053	2:1	3	●Multiplexers/ Demultiplexers ● Break-Before-Make Switching ●OE pin	3	18	20	280	17	DIP-16 SOP-16 TSSOP-16
U7SB3157	2:1	2	●Single-Pole Double-Throw (SPDT) Switch ● Low ON-State Resistance ●Break-Before-Make Switching	1.65	5.5	1	10	220	MSOP-10
US5V330	2:1	4	●Switch ●Low ON-State Resistance ● OE pin	4.5	5.5	3	10	400	SSOP-16 (150mil)
US5C3125	1:1	4	●Switch ●Low ON-State Resistance ●OE pin	4.5	5.5	3	7	–	TSSOP-14
US5C3257	2:1	4	●Switch ●Low ON-State Resistance ●OE pin	4.5	5.5	3	7	–	SOP-16 TSSOP-16
US5C3305	1:1	2	●Switch ●Low ON-State Resistance ●OE pin	4	5.5	3	7	–	MSOP-8 TSSOP-8
US5C3306	1:1	2	●Switch ● Low ON-State Resistanc ●OE pin	4.5	5.5	3	7	–	MSOP-8
US5C3309	3:1	1	●Switch ●Low ON-State Resistance	4.5	5.5	3	7	–	SOP-8 MSOP-8
UMX2215	4:1	2	●Switch ●Low ON-State Resistance ● OE pin	2	5.5	1	4.5	200	SOP-16
UMX8228	2:1	2	●Switch ●Low ON-State Resistance ●Break-Before-Make Switching ● OE pin	1.8	5.5	1	4	550	MSOP-10
UMX4215	2:1	1	●Switch ●Low ON-State Resistance	1.65	5.5	1	4.2	400	SOT-363

Part No.	Configuration	Number of Channels	Function	V_{CC} (V) Min (Range)	V_{CC} (V) Max (Range)	IQ (uA) Max (Range)	RON (Ohms) Max (Range)	Bandwidth (MHz) Max (Range)	Package
UMX2110	1:1	2	●Switch ●Low ON-State Resistance	4.5	5.5	1	4	700	SOT-26
UMX2211	2:1	2	●Switch ●Low ON-State Resistance ●OE pin	2.8	5	1	4.5	800	SOP-14 QFN-10(1.8x1.4)
UCA9543	2:1	2	●I2C Bus Switch ●I2C Bus and SMBus Compatible ●Reset	2.3	5.5	1	20	0.4	SOP-14 TSSOP-14
UMDM27518	2:1	6	●Switch ●Low ON-State Resistance ●OE pin	1.65	3.6	0.3	6.2	240	TSSOP-24
U74CB3Q3245	1:1	8	●Switch ●Low ON-State Resistance ●Ioff Supports Partial-Power-Down Mode Operation ●OE pin	2.3	3.6	2000	6	20	TSSOP-20
UTAS4157	2:1	1	●Switch ●Low ON-State Resistance	1.65	5.5	0.5	1.4	40	SOT-26
US12A4515	1:1	1	●Switch ●Control input	2	12	0.1	40	460	SOT-25
UMX2412	4:1	2	●Switch ●Low ON-State Resistance ●OE pin	2	5.5	1	4.5	200	SOP-16
U74LS279A	2:1&3:1	4	●Switch	4.75	5.25	30	-	-	DIP-16

Super Junction MOSFET

Part No.	Configuration	VDSS (V)	VGS (±V)	ID (A)	RDS(ON) MAX.(Ω) atVGS=10V	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
04NM50	single	500	±30	0.4	12	2.5	4.5	SOT-223
08NM50	single	500	±30	0.8	9	2.5	4.5	SOT-223
1NM50-S	single	500	±30	1	5	2.5	4.5	TO-252 TO-220F1
1NM50	single	500	±30	1	4.5	2.5	4.5	TO-252
2NM50-S	single	500	±30	2	2.9	2.5	4.5	TO-252 TO-220F1
2NM50	single	500	±30	2	2.1	2.5	4.5	TO-252
3NM50	single	500	±30	3	1.8	2.5	4.5	TO-252
4NM50	single	500	±30	4	1.3	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 TO-92 SOT-223-2 SOT-223
5NM50A	single	500	±30	5	1.08	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-92 TO-220F2
6NM50	single	500	±30	6	0.9	2.5	4.5	TO-252 TO-220F TO-220F1 TO-220F2 TO-251
7NM50	single	500	±30	7	0.55	2.5	4.5	TO-252 TO-220F1
8NM50	single	500	±30	8	0.49	2.5	4.5	TO-252 TO-220F1
9NM50-S	single	500	±30	9	0.43	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
9NM50	single	500	±30	9	0.4	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
10NM50	single	500	±30	10	0.35	2.5	4.5	T0-252 TO-220F1
11NM50	single	500	±30	11	0.32	2.5	4.5	TO-220F1
13NM50-U2	single	500	±30	13	0.4	2.5	4.5	TO-251 TO-252 TO-262 TO-263 TO-220F1
15NM50	single	500	±30	15	0.35	2.5	4.5	TO-220F1
15NM50-U2	single	500	±30	15	0.35	2.5	4.5	TO-251 TO-252 TO-262 TO-263 TO-220 TO-220F1 TO-220F
18NM50-U2	single	500	±30	18	0.28	2.5	4.5	TO-251 TO-252 TO-262 TO-263 TO-220 TO-220F1
20NM50	single	500	±30	20	0.24	2.5	4.5	TO-220 TO-220F1 TO-220F3 TO-247 TO-252
21NM50	single	500	±30	21	0.22	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-247
22NM50	single	500	±30	22	0.15	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2
24NM50	single	500	±30	24	0.125	2.5	4.5	TO-220F2 TO-220F1 TO-247
30NM50	single	500	±30	30	0.09	2.5	4.5	TO-220F2
60NM50	single	500	±30	60	0.055	2.5	4.5	TO-247
02NM60	single	600	±30	0.2	17	2.5	4.5	SOT-223 SOT-89 TO-92
05NM60	single	600	±30	0.5	13.2	2.5	4.5	SOT-223 SOT-89 TO-92
08NM65-V	single	600	±30	0.8	7.3	1	3	TO-252
08NM60	single	600	±30	0.8	6.15	2.5	4.5	SOT-223 SOT-89 TO-92
1NM60-FDQ	single	600	±30	1	4.8	2.5	4.5	TO-92

Super Junction MOSFET

Part No.	Configuration	VDSS (V)	VGS (±V)	ID (A)	RDS(ON) MAX.(Ω) atVGS=10V	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
1NM60-Q	single	600	±30	1	4.6	2.5	4.5	SOT-223 TO-251 TO-252
1NM60-FD	single	600	±30	1	3.8	2.5	4.5	TO-92
1NM60	single	600	±30	1	3.5	2.5	4.5	SOT-223 TO-251 TO-252
2NM60-Q	single	600	±30	2	3.1	2.5	4.5	SOT-223 TO-251 TO-252 TO-220F1
2NM60	single	600	±30	2	2.5	2.5	4.5	SOT-223 TO-251 TO-252 TO-126 TO-220F1
3NM60	single	600	±30	3	1.86	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
4NM60-U2	single	600	±30	4	1.8	2.5	4.5	TO-251 TO-252 TO-220F1
4NM60A	single	600	±30	4	1.5	2.5	4.5	TO-251 TO-251S TO-252 TO-220 TO-220F TO-220F1 TO-220F2
5NM60A-U2	single	600	±30	5	1.25	2.5	4.5	TO-251 TO-251S TO-252 TO-220 TO-220F1
5NM60-U2	single	600	±30	5	1.15	2.5	4.5	TO-251 TO-252 TO-220 TO-220F1 SOT-223
5NM60	single	600	±30	5	1.08	2.5	4.5	SOT-223 TO-251 TO-252 TO-220F1
6NM60-S	single	600	±30	6	1.4	2.5	4.5	TO-251 TO-252 TO-220F TO-220F1
6NM60-Q	single	600	±30	6	1.08	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
7NM60-Q	single	600	±30	7	1.1	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
7NM60	single	600	±30	7	0.95	2.5	4.5	TO-251 TO-252 TO-220F1 PDFN5×6 DFN8080-4
7NM60-U2	single	600	±30	7	0.93	2.5	4.5	TO-251 TO-251S TO-251S2 TO-252 TO-220F1 DFN8080-4
8NM60-FD	single	600	±30	8	0.82	2.5	4.5	TO-252 DFN8080-4
8NM60-U2	single	600	±30	8	0.8	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-251S2 TO-220WF DFN8080-4
8NM60	single	600	±30	8	0.75	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
8NM60A	single	600	±30	8	0.65	2.5	4.5	TO-251 TO-252 TO-220F1 TO-263 DFN8080-4
8NM60A-FD	single	600	±30	8	0.64	2.5	4.5	TO-252 DFN8080-4
9NM60-S	single	600	±30	9	0.64	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 TO-220WF DFN8080-4
9NM60-FDS	single	600	±30	9	0.6	2.5	4.5	TO-252 DFN8080-4
9NM60	single	600	±30	9	0.56	2.5	4.5	TO-252 TO-252D TO-251 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-220WF DFN8080-4
9NM60-FD	single	600	±30	9	0.58	2.5	4.5	TO-252 DFN8080-4
10NM60-U2	single	600	±30	10	0.55	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 DFN8080-4

Super Junction MOSFET

Part No.	Configuration	VDSS (V)	VGS (±V)	ID (A)	RDS(ON) MAX.(Ω) atVGS=10V	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
10NM60	single	600	±30	10	0.48	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
11NM60	single	600	±30	11	0.42	2.5	4.5	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
11NM60-U2	single	600	±30	11	0.5	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 DFN8080-4
13NM60	single	600	±30	13	0.42	2.5	4.5	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-262 TO-220WF DFN8080-4
15NM60-U2	single	600	±30	15	0.38	2.5	4.5	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-220WF DFN8080-4
15NM60	single	600	±30	15	0.35	2.5	4.5	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-220WF DFN8080-4
16NM60	single	600	±30	16	0.32	2.5	4.5	TO-220F1 TO-220F2 DFN8080-4
18NM60	single	600	±30	18	0.28	2.5	4.5	TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-220 WF DFN8080-4
20NM60	single	600	±30	20	0.21	2.5	4.5	TO-220 TO-220F1 TO-220F2 TO-247 TO-263 DFN8080-4
21NM60	single	600	±30	21	0.19	2.5	4.5	TO-263 TO-220 TO-220F TO-3P TO-220F1 TO-220F2 TO-247 TO-220WF TO-3PF DFN8080-4
24NM60	single	600	±30	24	0.16	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-247 TO-247S TO-3P TO-263 TO-3PF TO-3PB DFN8080-4
30NM60	single	600	±30	30	0.13	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-247 TO-3P DFN8080-4 TOLL-8B DFN8080-4
50NM60	single	600	±30	50	0.085	2.5	4.5	TO-247
60NM60	single	600	±30	60	0.065	2.5	4.5	TO-247 TO-3P
75NM60	single	600	±30	75	0.055	2.5	4.5	TO-264
7NM64	single	640	±25	5	0.95	1	3	TO-252
02NM65-FD	single	650	±30	0.2	19	1	3	TO-252
02NM65	single	650	±30	0.2	17	2.5	4.5	SOT-89 SOT-223 TO-92
05NM65-V	single	650	±30	0.5	15	1	3	TO-252
05NM65-FD	single	650	±30	0.5	14	2.5	4.5	TO-252
05NM65	single	650	±30	0.5	13	2.5	4.5	SOT-89 SOT-223 TO-92
08NM65-FD	single	650	±30	0.8	7.3	1	3	TO-252
08NM65	single	650	±30	0.8	6.15	2.5	4.5	SOT-89 SOT-223 TO-92
1NM65-Q	single	650	±30	1	4.6	2.5	4.5	SOT-223 TO-251
1NM65-FD	single	650	±30	1	4.6	2.5	4.5	TO-92
1NM65-FDQ	single	650	±30	1	4.6	2.5	4.5	TO-92
1NM65	single	650	±30	1	3.5	2.5	4.5	SOT-223 TO-251
2NM65-Q	single	650	±30	2	3.1	2.5	4.5	SOT-223 TO-251 TO-252 TO-220F1
2NM65-FDQ	single	650	±30	2	3	2.5	4.5	TO-252
2NM65-FD	single	650	±30	2	2.6	2.5	4.5	TO-252

Super Junction MOSFET

Part No.	Configuration	VDSS (V)	VGS (±V)	ID (A)	RDS(ON) MAX.(Ω) atVGS=10V	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
2NM65	single	650	±30	2	2.52	2.5	4.5	SOT-223 SOT-223-2 TO-126 TO-251 TO-252 TO-220F TO-220F1 TO-220F2 SOP-8
3NM65	single	650	±30	3	2.15	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 SOT-223-2
4NM65-U2	single	650	±30	4	2.1	2.5	4.5	TO-251 TO-252 TO-220F1
3NM65-FD	single	650	±30	3	2	2.5	4.5	TO-252
4NM65A-FD	single	650	±30	4	1.6	2.5	4.5	TO-252
5NM65-SAQ	single	650	±30	5	1.6	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
5NM65-U2	single	650	±30	5	1.5	2.5	4.5	SOT-223 TO-251
5NM65Z-U2	single	650	±20	5	1.5	2.5	4.5	SOT-223-2
4NM65A	single	650	±30	4	1.44	2.5	4.5	SOT-223-2 SOT-223 TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
4NM65	single	650	±30	4	1.4	2.5	4.5	TO-251 TO-251S TO-252 TO-220F TO-220F1
6NM65-S	single	650	±30	6	1.4	2.5	4.5	TO-251 TO-251S TO-252 TO-220F TO-220F1
5NM65	single	650	±30	5	1.2	2.5	4.5	TO-251 TO-252 TO-220F1
6NM65	single	650	±30	6	1.6	2.5	4.5	TO-252
6NM65-Q	single	650	±30	6	1.2	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
6NM65-FDQ	single	650	±30	6	1.2	2.5	4.5	TO-252
7NM65-Q	single	650	±30	7	1.1	2.5	4.5	TO-251 TO-252 TO-220F1
7NM65-U2	single	650	±30	7	1	2.5	4.5	TO-251 TO-251S TO-251S2 TO-252 TO-220F1
7NM65-FD2	single	650	±30	7	1	2.5	4.5	TO-252
7NM65	single	650	±30	7	0.9	2.5	4.5	TO-251 TO-251S2 TO-252 TO-262 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 PDFN5×6 DFN8080-4
7NM65Z	single	650	±20	7	1.4	2.5	5	TO-252
8NM65-FD	single	650	±30	8	1	2.5	4.5	TO-251NS2 TO-252 TO-220F1
8NM65-U2	single	650	±30	8	0.9	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 DFN8080-4
8NM65A-FD	single	650	±30	8	0.83	2.5	4.5	TO-220F1 TO-252 DFN8080-4
8NM65	single	650	±30	8	0.75	2.5	4.5	TO-251 TO-251NS2 TO-252 TO-262 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3 PDFN5×6 DFN8080-4
8NM65A	single	650	±30	8	0.72	2.5	4.5	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1 DFN8080-4
9NM65-FDS	single	650	±30	9	0.72	2.5	4.5	TO-220F1 TO-252 DFN8080-4
9NM65-FD	single	650	±30	9	0.65	2.5	4.5	TO-220F1 TO-252 DFN8080-4
9NM65-S	single	650	±30	9	0.64	2.5	4.5	TO-251 TO-252 TO-262 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4

Super Junction MOSFET

Part No.	Configuration	VDSS (V)	VGS (±V)	ID (A)	RDS(ON) MAX.(Ω) atVGS=10V	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
9NM65-V	single	650	±30	9	0.62	1	3	TO-220F1 TO-262 DFN8080-4
9NM65-VS	single	650	±30	9	0.62	2	4	TO-220F1 TO-262 DFN8080-4
9NM65	single	650	±30	9	0.58	2.5	4.5	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
9NM65Z	single	650	±20	9	1.1	2.5	4.5	SOT-223-2 DFN8080-4
10NM65-U2	single	650	±30	10	0.58	2.5	4.5	TO-251 TO-252 TO-262 TO-263 TO-220 TO-220F TO-220F1 TO-251S DFN8080-4
10NM65-FD	single	650	±30	10	0.55	2.5	4.5	TO-220F1 TO-252 DFN8080-4
10NM65	single	650	±30	10	0.55	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
11NM65-U2	single	650	±30	11	0.6	2.5	4.5	TO-251 TO-252 TO-262 TO-220 TO-220F TO-220F1 DFN8080-4
11NM65	single	650	±30	11	0.43	2.5	4.5	TO-251 TO-252 TO-262 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 PDFN5X6 DFN8080-4
13NM65	single	650	±30	13	0.43	2.5	4.5	TO-251 TO-252 TO-262 TO-263 TO-220 TO-220F TO-220F1 TO-247 DFN8080-4
15NM65-U2	single	650	±30	15	0.43	2.5	4.5	TO-251 TO-252 TO-262 TO-263 TO-220 TO-220F TO-220F1 DFN8080-4
15NM65	single	650	±30	15	0.35	2.5	4.5	TO-263 TO-262 TO-220 TO-220F TO-220F1 TO-220F2 TO-3P TO-251 TO-252 DFN8080-4
16NM65	single	650	±30	16	0.36	2.5	4.5	TO-220F1 TO-220F2 DFN8080-4
18NM65	single	650	±30	18	0.33	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3 TO-3P TO-262 TO-263 DFN8080-4
20NM65	single	650	±30	20	0.24	2.5	4.5	TO-220F1 TO-220F2 TO-247 DFN8080-4
21NM65	single	650	±30	21	0.22	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-220FJH TO-262 TO-263 DFN8080-4
24NM65	single	650	±30	24	0.16	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-247 TO-262 TO-263 TO-247S DFN8080-4
30NM65	single	650	±30	30	0.14	2.5	4.5	TO-220 TO-220F1 TO-220F2 TO-247 DFN8080-4
60NM65	single	650	±30	60	0.065	2.5	4.5	TO-247 TO-3P
02NM70	single	700	±30	0.2	19.2	2.5	4.5	SOT-89 SOT-223 TO-92 TO-251
05NM70	single	700	±30	0.5	14.4	2.5	4.5	SOT-223 TO-92 TO-251
08NM70	single	700	±30	0.8	7.2	2.5	4.5	SOT-223 SOT-89 TO-92
1NM70-Q	single	700	±30	1	5.4	2.5	4.5	SOT-223 TO-92 TO-251 TO-220F1
1NM70-S	single	700	±30	1	4.3	2.5	4.5	SOT-223 TO-92 TO-251 TO-220F1
1NM70-V	single	700	±30	1	3.5	2.5	4.5	TO-92
2NM70-QFD	single	700	±30	2	4	2.5	4.5	TO-251 TO-252 TO-220F1
1NM70	single	700	±30	1	3.9	2.5	4.5	TO-92
2NM70-Q	single	700	±30	2	3.3	2.5	4.5	SOT-223 TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2

Super Junction MOSFET

Part No.	Configuration	VDSS (V)	VGS (±V)	ID (A)	RDS(ON) MAX.(Ω) atVGS=10V	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
2NM70	single	700	±30	2	3	2.5	4.5	SOT-223 SOT-223-2 TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 PDFN3X3
2NM70-FD	single	700	±30	2	3	2.5	4.5	TO-251 TO-252 TO-220F1
3NM70	single	700	±30	3	2.28	2.5	4.5	SOT-223 TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
4NM70-U2	single	700	±30	4	2.2	2.5	4.5	TO-251 TO-252 TO-220 TO-220F
4NM70A	single	700	±30	4	1.8	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
5NM70M1-U2	single	700	±30	5	1.5	2.5	4.5	SOT-223-2
5NM70A-U2	single	700	±30	5	1.8	2.5	4.5	SOT-223 TO-251 TO-251S2 TO-251NS2 TO-251S4 TO-252 TO-220F1 TO-220F2 SOT-223-2
5NM70Z-U2	single	700	±20	5	1.6	2.5	4.5	SOT-223-2 SOT-223
5NM70-FD	single	700	±30	5	1.6	2.5	4.5	SOT-223-2 SOT-223 TO-251 STO-252
5NM70A-FD	single	700	±30	5	1.55	2.5	4.5	SOT-223-2
5NM70A	single	700	±30	5	1.5	2.5	4.5	SOT-223-2 TO-251S2
5NM70	single	700	±30	5	1.3	2.5	4.5	SOT-223 TO-251 TO-251S TO-251S2 TO-251NS2 TO-252 TO-220F1
5NM70-U2	single	700	±30	5.4	1.5	2.5	4.5	SOT-223 SOT-223-2 TO-251 TO-251 STO-251S2 TO-251S4 TO-251NS2 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
6NM70-S	single	700	±30	6	1.7	2.5	4.5	SOT-223 TO-251 TO-252 TO-220F TO-220F1
6NM70-Q	single	700	±30	6	1.44	2.5	4.5	SOT-223 TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
7NM70-U2	single	700	±30	7	1.35	2.5	4.5	SOT-223 TO-251S2 TO-220 TO-220F TO-220F1 SOT-223-2
7NM70	single	700	±30	7	1	2.5	4.5	TO-251 TO-251S2 TO-251NS2 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3
8NM70-U2	single	700	±30	8	0.95	2.5	4.5	TO-251S2 TO-252 TO-220 TO-220F TO-220F1 DFN8080-4
8NM70-FD	single	700	±30	8	0.9	2.5	4.5	TO-251NS2 DFN8080-4
8NM70	single	700	±30	8	0.85	2.5	4.5	TO-251 TO-251S TO-251S2 TO-251S4 TO-251NS2 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
8NM70A	single	700	±30	8	0.7	2.5	4.5	TO-251 TO-252 TO-220F1 DFN8080-4
9NM70-FDS	single	700	±30	9	0.8	2.5	4.5	TO-251S DFN8080-4
9NM70-SFD	single	700	±30	9	0.7	2.5	4.5	TO-251S DFN8080-4
9NM70-S	single	700	±30	9	0.65	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
9NM70	single	700	±30	9	0.7	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-220WF TO-251 TO-251S2 TO-251NS2 TO-251S4 TO-252 TO-262TO-263 DFN8080-4
9NM70Z	single	700	±20	9	1.2	2.5	4.5	SOT-223-2 DFN8080-4
10NM70-FD2	single	700	±30	10	0.73	2.5	4.5	TO-251S DFN8080-4

Super Junction MOSFET

Part No.	Configuration	VDSS (V)	VGS (±V)	ID (A)	RDS(ON) MAX.(Ω) atVGS=10V	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
10NM70-U2	single	700	±30	10	0.69	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-251S TO-262 TO-263 DFN8080-4
10NM70	single	700	±30	10	0.6	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-251S TO-251S2TO-252TO-262 TO-263SOP-8DFN8080-4
11NM70-FD2	single	700	±30	11	0.66	2.5	4.5	TO-251S DFN8080-4
11NM70-U2	single	700	±30	11	0.6	2.5	4.5	TO-220 TO-220F TO-220F1 TO-251 TO-251S TO-251S2 TO-252 DFN8080-4
11NM70M1-U2	single	700	±30	11	0.6	2.5	4.5	TO-252DFN8080-4
11NM70	single	700	±30	11	0.58	2.5	4.5	TO-251 TO-251S2 TO-252 TO-262 TO-262S TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3 DFN8080-4
13NM70	single	700	±30	13	0.55	2.5	4.5	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
15NM70	single	700	±30	15	0.5	2.5	4.5	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
15NM70-U2	single	700	±30	15	0.45	2.5	4.5	TO-251 TO-252 TO-220 TO-220 FTO-220F1 TO-220F4 DFN8080-4
16NM70	single	700	±30	16	0.38	2.5	4.5	TO-220F1 TO-220F2 DFN8080-4
18NM70	single	700	±30	18	0.35	2.5	4.5	TO-251 TO-251S2 TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3 DFN8080-4
20NM70	single	700	±30	20	0.26	2.5	4.5	TO-220F1 TO-220F2 TO-247 DFN8080-4
21NM70	single	700	±30	21	0.24	2.5	4.5	TO-220F1 TO-220F2 DFN8080-4
24NM70	single	700	±30	24	0.19	2.5	4.5	TO-220F TO-220F1 TO-220F2 DFN8080-4
30NM70	single	700	±30	30	0.17	2.5	4.5	TO-220F TO-220F1 TO-220F2 DFN8080-4
50NM70	single	700	±30	50	0.1	2.5	4.5	TO-247
60NM70	single	700	±30	60	0.08	2.5	4.5	TO-247
75NM70	single	700	±30	75	0.07	2.5	4.5	TO-264
1NM80-Q	single	800	±30	1	4.3	2.5	4.5	TO-251 SOT-223-2
2NM80	single	800	±30	2	3.7	2.5	4.5	TO-251 TO-252 TO-220 TO-220F1 TO-220F2 TO-251S
2NM80-Q	single	800	±30	2	3.8	2.5	4.5	TO-251 SOT-223-2
3NM80	single	800	±30	3	2.88	2.5	4.5	TO-251 TO-252 TO-220 TO-220F1 TO-220F2 TO-251S
3NM80-Q	single	800	±30	3	3	2.5	4.5	TO-251 SOT-223-2
4NM80	single	800	±30	4	2.52	2.5	4.5	TO-251 TO-252 TO-220 TO-220F1 TO-220F2 TO-251S
4NM80-Q	single	800	±30	4	2.3	2.5	4.5	TO-251 SOT-223-2
4NM80A	single	800	±30	4	2.04	2.5	4.5	TO-251 TO-252 TO-220 TO-220F1 TO-220F2 TO-251S
4NM80AZ	single	800	±20	4	2.1	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 SOT-223-2 TO-251 TO-252
4NM80Z-U2	single	800	±20	4	2	2.5	4.5	SOT-223-2
5NM80	single	800	±30	5	1.62	2.5	4.5	TO-251 TO-252 TO-220 TO-220F2 TO-220F1 TO-251S

Super Junction MOSFET

Part No.	Configuration	VDSS (V)	VGS (±V)	ID (A)	RDS(ON) MAX.(Ω) atVGS=10V	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
5NM80-Q	single	800	±30	5	1.5	2.5	4.5	TO-251 SOT-223-2
6NM80-Q	single	800	±30	6	1.25	2.5	4.5	TO-252 TO-220F TO-251NS2
7NM80-Q	single	800	±30	7	1.1	2.5	4.5	TO-252 TO-220F1 TO-251 TO-252D
8NM80-Q	single	800	±30	8	0.75	2.5	4.5	TO-220 TO-220F1 TO-220F TO-252 TO-251 DFN8080-4
10NM80	single	800	±30	10	0.6	2.5	4.5	TO-251 TO-251S TO-252 TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
12NM80	single	800	±30	12	0.42	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-262 TO-263 TO-220FJH DFN8080-4
13NM80	single	800	±30	13	0.35	2.5	4.5	TO-262 TO-220 TO-220F TO-220F1 TO-220F2 TO-247 TO-263 DFN8080-4
13NM80M1	single	800	±30	13	0.35	2.5	4.5	TO-220F DFN8080-4
13NM80-Q	single	800	±30	13	0.52	2.5	4.5	TO-220F1 TO-220F2 DFN8080-4
15NM80-Q	single	800	±30	15	0.48	2.5	4.5	TO-220F1 TO-220F2 DFN8080-4
17NM80	single	800	±30	17	0.35	2.5	4.5	TO-220 TO-220F1 TO-247 TO-263 DFN8080-4
18NM80-Q	single	800	±30	18	0.43	2.5	4.5	TO-220F1 TO-220F2 DFN8080-4
20NM80-Q	single	800	±30	20	0.35	2.5	4.5	TO-220F1 DFN8080-4
21NM80-Q	single	800	±30	21	0.3	2.5	4.5	TO-220F1 DFN8080-4
24NM80-Q	single	800	±30	24	0.26	2.5	4.5	TO-220 TO-220F1 TO-247 TO-263 DFN8080-4
30NM80-Q	single	800	±30	30	0.19	2.5	4.5	TO-220 TO-220F1 TO-220F2 TO-263 TO-247 DFN8080-4
40NM80-Q	single	800	±30	40	0.13	2.5	4.5	TO-247
2NM90	single	900	±30	2	5.3	2.5	4.5	TO-251S2 TO-252 TO-251 TO-220 TO-220F1 TO-220F2 SOT-223-2 SOT-223
3NM90	single	900	±30	3	4.9	2.5	4.5	SOT-223 TO-251S2 TO-252 TO-251 TO-220 TO-220F1 TO-220F2 SOT-223-2
4NM90	single	900	±30	4	4.1	2.5	4.5	TO-251S2 TO-252 TO-251 TO-220 TO-220F1 TO-220F2 SOT-223-2 SOT-223
4NM90A	single	900	±30	4	3.2	2.5	4.5	TO-251S2 TO-252 TO-251 TO-220 TO-220F TO-220F2 SOT-223-2 SOT-223
4NM90Z-Q	single	900	±20	4	3.1	2.5	4.5	SOT-223-2
5NM90	single	900	±30	5	2.5	2.5	4.5	TO-251S2 TO-252 TO-220 TO-220F1 TO-220F2 TO-251
6NM90	single	900	±30	6	1.9	2.5	4.5	TO-251 TO-252 TO-263 TO-220 TO-220F1 TO-251NS2
7NM90	single	900	±30	7	1.4	2.5	4.5	TO-220F1 TO-251 TO-252
8NM90	single	900	±30	8	1.2	2.5	4.5	TO-251 TO-252 TO-220 TO-220F1
10NM90	single	900	±30	10	1	2.5	4.5	TO-251 TO-252 TO-220 TO-220F1
12NM90	single	900	±30	12	0.7	2.5	4.5	TO-220 TO-220F1 TO-247 TO-3P DFN8080-4 TO-263
13NM90	single	900	±30	13	0.5	2.5	4.5	TO-263 TO-220 TO-220F1 TO-247 TO-3P TO-3PB DFN8080-4
24NM90-Q	single	900	±30	24	0.33	2.5	4.5	TO-247
30NM90-Q	single	900	±30	30	0.3	2.5	4.5	TO-220 TO-220F1 TO-247 TO-263 DFN8080-4
40NM90-Q	single	900	±30	40	0.165	2.5	4.5	TO-247
50NM90-Q	single	900	±30	50	0.13	2.5	4.5	TO-247
08NM95-Q	single	950	±30	0.8	14	2.5	4.5	SOT-223-2

Super Junction MOSFET

Part No.	Configuration	VDSS (V)	VGS (±V)	ID (A)	RDS(ON) MAX.(Ω) atVGS=10V	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
1NM95-Q	single	950	±30	1	5.8	2.5	4.5	SOT-223-2
2NM95-Q	single	950	±30	2	5.4	2.5	4.5	SOT-223-2
3NM95-Q	single	950	±30	3	3.8	2.5	4.5	SOT-223-2
3NM95Z-Q	single	950	±30	3	3.8	2.5	4.5	SOT-223-2
4NM95-Q	single	950	±30	4	3.2	2.5	4.5	SOT-223-2
5NM95-Q	single	950	±30	5	2.3	2.5	4.5	SOT-223-2
6NM95	single	950	±30	6	1.9	2.5	4.5	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
9NM95-Q	single	950	±30	9	1.2	2.5	4.5	TO-252
2NM100	single	1000	±30	2	4.6	2.5	4.5	TO-252
3NM100	single	1000	±30	3	4	2.5	4.5	TO-252
4NM100	single	1000	±30	4	2.6	2.5	4.5	TO-252
4NM100-Q	single	1000	±30	4	3.5	2.5	4.5	TO-252
5NM100	single	1000	±30	5	2.3	2.5	4.5	TO-252
6NM100	single	1000	±30	6	1.75	2.5	4.5	TO-252
7NM100	single	1000	±30	7	1.35	2.5	4.5	TO-252
8NM100	single	1000	±30	8	1.1	2.5	4.5	TO-252 TO-220F1
10NM100	single	1000	±30	10	0.9	2.5	4.5	TO-220F1 TO-220F2 TO-252
13NM100	single	1000	±30	13	0.6	2.5	4.5	TO-220F1 TO-220F2 TO-263
15NM100	single	1000	±30	15	0.45	2.5	4.5	TO-220F1 TO-220F2
2NM120	single	1200	±30	2	5	2.5	4.5	TO-220F1 TO-220F2 TO-252
3NM120	single	1200	±30	3	3.5	2.5	4.5	TO-220F1 TO-220F2 TO-252
3NM120-Q	single	1200	±30	3	4	2.5	4.5	TO-220F1 TO-220F2 TO-252
4NM120	single	1200	±30	4	2.6	2.5	4.5	TO-220F1 TO-220F2 TO-252
5NM120	single	1200	±30	5	2.1	2.5	4.5	TO-263 TO-220F1 TO-220F2 TO-252
6NM120	single	1200	±30	6	1.7	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-252
7NM120	single	1200	±30	7	1.4	2.5	4.5	TO-220F1 TO-220F2 TO-252
8NM120	single	1200	±30	8	1.2	2.5	4.5	TO-220F1 TO-220F2 TO-220WF
10NM120	single	1200	±30	10	0.84	2.5	4.5	TO-220F1 TO-220F2 TO-247
12NM120	single	1200	±30	12	0.69	2.5	4.5	TO-220F1 TO-220F2 TO-247 TO-220 TO-247S TO-263
D1NM70	dual	700	±30	1	4.5	2.5	4.5	PDFN5×6
D1NM70-Q	dual	700	±30	1	6.5	2.5	4.5	PDFN5×6

IGBT

Part No.	BVCES(V) (Range)	VGES (V)	IC(A) (Range)	VCE(SAT)(V) MAX. (Range)	VGE(th)(V) MIN. (Range)	VGE(th)(V) MAX. (Range)	Package
UPGE85N33	330	±30	170	1.9	3.5	6	TO-3P
UG15N41	380	±15	15	2.2	1.2	1.7	TO-263 TO-252 TO-220
UGV20N40	440	±15	20	1.9	1.5	2.1	TO-220 TO-263 TO-220F1 TO-220F2 TO-262TO-252
UGV3040	400	±10	21	2.2	1.3	2.2	TO-252 TO-263 TO-220 TO-220F TO-251 TO-262
UGV3045	450	±10	21	2.3	1.3	2.2	TO-262 TO-263 TO-252
UGV3545	450	±10	35	1.9	1.3	2.2	TO-252
UGV4045	450	±10	40	1.8	1.3	2.2	TO-252
UPG9N60	600	±20	18	2.6	4	6	TO-220F
UPG10N60	600	±20	20	2.3	4	6.5	TO-220F
UPG5N65	650	±20	10	2.3	4.5	6.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252
UPG6N65	650	±20	12	2.3	2	4	TO-220 TO-220F
UPG7N65	650	±20	14	2.3	2	4	TO-220 TO-220F TO-220F1
UPG9N65	650	±20	18	2.4	4	6	TO-220F
UTG10N65-S	650	±20	20	1.7	2.5	4.5	TO-220 TO-220F1 TO-247 TO-263
UTG16N65-S	650	±20	32	1.7	2.5	4.5	TO-220F1 TO-220F TO-247 TO-263
UTG20N65-S	650	±20	40	1.8	2.5	6.5	TO-220 TO-220F1 TO-247 TO-263
UTG25N65-S	650	±20	50	1.7	4.5	6.5	TO-220F1 TO-247 TO-3P TO-3PN
UTG28N65-S	650	±20	56	1.7	2.5	6.5	TO-220F1 TO-247
UTG30N65-S	650	±20	60	1.8	2.5	6.5	TO-220 TO-220F1 TO-247 TO-263 TO-3P TO-3PN
UTG40N65-S	650	±20	80	1.7	2.5	6.5	TO-247 TO-3P TO-3PN
UTG70N65-S	650	±20	140	1.9	4.5	6.5	TO-247
UTG75N65-S	650	±20	150	2	4.5	6.5	TO-247
UTG80N65-S	650	±20	160	1.7	4.5	6.5	TO-247
UPG5N120	1200	±20	10	2.25	4	6	TO-247
UG5N120	1200	±20	21	2.7	6	–	TO-220 TO-247 TO-3P
UPG15N120	1200	±20	30	2.4	4	6	TO-247
UPG20N120	1200	±20	40	2.6	4	6	TO-247 TO-3P TO-3PN
UG11N120	1200	±20	43	2.4	5	–	TO-247
UTG25N120	1200	±20	50	2.5	3.5	7.5	TO-220 TO-247 TO-3P TO-3PN
UPG25N120	1200	±20	50	2.8	4	6.5	TO-247
UPG30N120	1200	±20	60	2.8	4.5	6.5	TO-247
UPG40N120	1200	±20	80	2.7	4.5	6.5	TO-247 TO-247S
UTG40N120	1200	±20	80	2.1	5	7.5	TO-247
UTG40N120FQ-S	1200	±20	80	2.2	4.5	7.5	TO-247 TO-3P TO-3PN
UTG50N120FQ	1200	±20	100	2.2	4.5	7.5	TO-247
UTG50N120-S	1200	±20	100	1.7	2.5	6.5	TO-247
UPG50N120	1200	±25	100	2.6	3.5	7.5	TO-264
UTG80N120-S	1200	±20	160	2.2	2.5	6.5	TO-247

Power MOSFET > Depletion Mode MOSFET (N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(Ω) atVGS=0V (Range)	CissTYP.[pF] atVGS=0V	CrssTYP.[pF] atVGS=0V	Package
UDF005N07	70	±30	0.05	50	1.44	2.3	SOT-23-3
UDF008N07	70	±30	0.08	32	1.48	2.3	SOT-23-3
UDF010N07	70	±30	0.1	20	1.4	2.4	SOT-23-3
UDF015N07	70	±30	0.15	16	1.5	2.3	SOT-23-3
UDF020N07	70	±30	0.2	15	1.54	2.3	SOT-23-3
UDF030N07	70	±30	0.3	12	1.55	2.3	SOT-23-3
BSS169	100	±25	0.17	20	28	8	SOT-89 SOT-23-3 SOT-23
UDF004N15	150	±30	0.04	100	1.4	2.6	SOT-23-3
UDF008N15	150	±30	0.08	45	1.5	2.2	SOT-23-3
UDF012N15	150	±30	0.12	35	1.4	2.3	SOT-23-3
UDF015N15	150	±30	0.15	25	1.45	2.5	SOT-23-3
UDF018N15	150	±30	0.18	23	1.5	2.3	SOT-23-3
UDF020N15	150	±30	0.2	22	1.5	2.4	SOT-23-3
UF601Q	600	±20	0.185	700	15	3	SOT-23 SOT-23-3
UF601ZQ	600	±20	0.185	700	12.4	4.3	SOT-23-3
UF601	600	±20	0.185	120	53	2.6	SOT-23 SOT-223
UDF010N80V	800	±20	0.1	300	–	–	SOT-223
UDF015N80V	800	±20	0.15	200	–	–	SOT-223
UDF025N80V	800	±20	0.25	100	–	–	SOT-223
UDF030N80V	800	±20	0.3	100	–	–	SOT-223
UDF050N80V	800	±20	0.5	50	–	–	SOT-223
UDF010N80	800	±20	0.1	300	–	–	SOT-223
UDF015N80	800	±20	0.15	200	–	–	SOT-223
UDF025N80	800	±20	0.25	100	–	–	SOT-223
UDF030N80	800	±20	0.3	100	–	–	SOT-223
UDF050N80	800	±20	0.5	50	–	–	SOT-223
UDF005N100V	1000	±20	0.05	350	–	–	SOT-223
UDF010N100V	1000	±20	0.1	300	–	–	SOT-223
UDF020N100V	1000	±20	0.2	150	–	–	SOT-223
UDF030N100V	1000	±20	0.3	100	–	–	SOT-223
UDF005N100	1000	±20	0.05	350	–	–	SOT-223
UDF010N100	1000	±20	0.1	300	–	–	SOT-223
UDF020N100	1000	±20	0.2	150	–	–	SOT-223
UDF030N100	1000	±20	0.3	100	–	–	SOT-223
UDF020N120	1200	±20	0.2	300	–	–	SOT-223 TO-92
UDF025N120	1200	±20	0.25	200	–	–	SOT-223 TO-92
UDF030N120	1200	±20	0.3	100	–	–	SOT-223 TO-92
UDF015N120V	1200	±20	0.15	500	–	–	SOT-223 TO-92
UDF015N120M	1200	±20	0.15	500	–	–	SOT-223 TO-92
UDF020N120V	1200	±20	0.2	300	–	–	SOT-223 TO-92
UDF025N120V	1200	±20	0.25	200	–	–	SOT-223 TO-92

Power MOSFET > Depletion Mode MOSFET (N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(Ω) atVGS=0V (Range)	CissTYP.[pF] atVGS=0V	CrssTYP.[pF] atVGS=0V	Package
UDF030N120V	1200	±20	0.3	100	–	–	SOT-223 TO-92
UDF020N120M	1200	±20	0.2	300	–	–	SOT-223 TO-92
UDF025N120M	1200	±20	0.25	200	–	–	SOT-223 TO-92
UDF030N120M	1200	±20	0.3	100	–	–	SOT-223 TO-92
UDF015N150	1500	±20	0.15	700	–	–	SOT-223 TO-92
UDF015N150V	1500	±20	0.15	700	–	–	SOT-223 TO-92
UDF015N150M	1500	±20	0.15	700	–	–	SOT-223 TO-92
UDF020N150	1500	±20	0.2	500	–	–	SOT-223 TO-92
UDF020N150V	1500	±20	0.2	500	–	–	SOT-223 TO-92
UDF025N150	1500	±20	0.25	300	–	–	SOT-223 TO-92
UDF025N150V	1500	±20	0.25	300	–	–	SOT-223 TO-92
UDF030N150	1500	±20	0.3	200	–	–	SOT-223 TO-92
UDF030N150V	1500	±20	0.3	200	–	–	SOT-223 TO-92
UDF020N150M	1500	±20	0.2	500	–	–	SOT-223 TO-92
UDF025N150M	1500	±20	0.25	300	–	–	SOT-223 TO-92
UDF030N150M	1500	±20	0.3	200	–	–	SOT-223 TO-92

Power MOSFET > Planar Power MOSFET(P-CH)

P-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Package
UF9Z24	−55	±20	−12	175	−2	−4	TO−263 TO−252 TO−220 TO−220F TO−220F1 TO−220F2
UF9Z24−F	−55	±20	−12	150	−2	−4	TO−220 TO−252
UF9Z34	−55	±20	−17	100	−2	−4	TO−220 TO−252
UF5305	−55	±20	−31	60	−2	−4	TO−252 TO−220 TO−251
UT2955	−60	±20	−1.7	185	−2	−4	SOT−223 TO−252
UF01P10	−100	±20	−0.1	10000	−2	−4	SOT−23−3
UF02P10	−100	±20	−0.2	6000	−2	−4	SOT−23−3
UF9520S	−100	±20	−6.8	600	−2	−4	TO−220F1
UFR9120	−100	±20	−6.6	480	−2	−4	TO−252
12P10	−100	±30	−9.4	290	−2	−4	SOT−223 SOP−8 TO−251 TO−251S TO−251S2 TO−251S4 TO−252 TO−252D TO−263 TO−220
13P10	−100	±30	−13	250	−2	−4	TO−251
UF9530	−100	±20	−14	200	−2	−4	TO−251 TO−252 TO−220
16P10	−100	±30	−16	200	−2	−4	TO−252 TO−220
17P10−HC	−100	±20	−17	150	−2	−4	TO−220 TO−220F TO−220F1 TO−220F2 TO−251 TO−252 TO−252D SOP−8
17P10−Q	−100	±30	−17	190	−2	−4	TO−252TO−220
17P10	−100	±25	−17	180	−2	−4	TO−251 TO−252 TO−220 TO−220F TO−220F1 TO−220F2 TO−252D SOP−8
UT23P09	−100	±20	−23	117	−2	−4	TO−220 TO−252
UF5210	−100	±20	−40	60	−2	−4	TO−220 TO−220F
17P12	−120	±30	−17	220	−2	−4	TO−220 TO−252
UF03P15	−150	±20	−0.3	6000	−2	−4	SOT−23
UF07P15	−150	±20	−0.7	3100	−2	−4	SOT−23
UF01P20	−200	±20	−0.1	16000	−2	−4	SOT−23−3
UF02P20	−200	±20	−0.2	10000	−2	−4	SOT−23−3
UF03P20	−200	±20	−0.3	9000	−2	−4	SOT−23
UF07P20	−200	±20	−0.7	4000	−2	−4	SOT−23
7P20	−200	±30	−7	690	−2	−4	TO−252
UF9640	−200	±20	−11	500	−2	−4	TO−252 TO−220 TO−220F TO−220F4 TO−263
UF9640Z	−200	±20	−11	500	−2	−4	TO−220F
7P30	−300	±30	−6	1200	−2	−4.5	TO−220 TO−252 TO−220F1
02P35Z	−350	±20	−0.2	15000	−1	−2.5	SOT−23
1P40	−400	±30	−1	11600	−2	−4	TO−252 SOT−223
2P40	−400	±30	−2	6100	−2	−4	TO−252 SOT−223 TO−220 SOT−223−2
1P50	−500	±30	−1	14000	−2	−4	TO−252 SOT−223
2P50	−500	±30	−2	8500	−2	−4	TO−252 SOT−223 TO−263
4P50H	−500	±30	−4	5500	−3	−5	TO−252
4P50	−500	±30	−4	4300	−2	−4	TO−220 TO−252 TO−251
7P50	−500	±30	−7	1800	−2	−4	TO−220 TO−252

Power MOSFET > Fast Body Diode Power MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON) TYP(Ω) (Range)	RDS(ON) MAX(Ω) (Range)	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Trr TYP.(nS) (Range)	Package
F05N50−TD	500	±30	0.5	9.5	11.4	2	4	57	TO−92 TO−252 TO251
F1N50−HD	500	±30	1	6.8	8.2	2	4	62	TO−92 TO−252 TO−251
F2N50−MH	500	±30	2	4.5	5.2	2	4	95	TO−252
F5N50	500	±30	5	1.25	1.6	1.5	3.5	120	TO−252 TO−220F
F2N60	600	±30	2	4.7	5	2	4	100	TO−252
F2N50−TD	500	±30	2	3.45	4.1	2	4	78	TO−92 TO−252 TO−251
F3N50−TD	500	±30	3	3.2	3.8	2	4	83	TO−92 TO−252 TO−251
FUF830K−TC	500	±30	4.5	1.66	1.9	2	4	82	TO−252 TO−251
FUF830−ML	500	±30	4.5	1.8	1.9	2	4	58	TO−220F TO−220F1 TO−220F2 TO−251 TO−252
F5N50K−TC	500	±30	5	1.56	1.8	2	4	102	TO−252
F7N50−ML	500	±30	7	1.24	1.45	2	4	90	TO−252 TO−251
F05N60−TD	600	±30	0.5	14	17	2	4	58	TO−92 TO−252 TO−251
F1N60−HD	600	±30	1	9.4	11.2	2	4	66	TO−92 TO−252 TO−251
F1N60Q−TD	600	±30	1	7.5	8.6	2	4	70	TO−92 TO−252 TO−251
F1N60Q−TA	600	±30	1		8.2	2	4	74	TO−92
F2N60−TD	600	±30	2	5.1	6	2	4	83	TO−92 TO−252 TO−251
F2N60−LC1	600	±30	2	4.6	5.5	2	4	87	TO−252
F2N60−TC2	600	±30	2	4.6	5.5	2	4	80	TO−220 TO−220F TO−220F1 TO−220F2 TO−251
F2N60−TC3	600	±30	2	6.3	6.8	2	4	79	TO−252 TO−251
F3N60−TD	600	±30	3	3.65	4.4	2	4	88	TO−92 TO−252 TO251
F3N60−TD2	600	±30	3	3	3.7	2	4	96	TO−252 TO−251
F3N60−LC	600	±30	3	2.8	3.6	2	4	98	TO−252
F4N60K−TC	600	±30	4	2.4	3	2	4	100	TO−252 TO−251
F4N60−TC1	600	±30	4	2.3	3	2	4	93.3	TO−252
F4N60−TD1	600	±30	4	2.5	3	2	4	100	TO−252
F4N60−MHQ	600	±30	4	3	4	2	4	100	TO−252 TO−251 TO−220F1 TO−220F2
F5N60−TD1	600	±30	5	2	2.5	2	4	112	TO−252
F4N60−ML	600	±30	4	2.2	2.6	2	4	102	TO−220F1 TO−220F2 TO−251 TO−252
F4N60−ML1	600	±30	4	2.3	2.7	2	4	80	TO−252
F2N65−TC	650	±30	2	4.2	4.8	2	4	98	TO−252
F7N65−ML	650	±30	7	1.5	1.75	2	4	78	TO−220F TO−220F1 TO−220F2 TO−251 TO−252
F3N70−LC	700	±30	3	3.8	4.6	2	4	97	TO−252

Power MOSFET > Fast Body Diode SJ-MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON) TYP(Ω) (Range)	RDS(ON) MAX(Ω) (Range)	VGS(th)(V) MIN.	VGS(th)(V) MAX.	Trr TYP.(nS) (Range)	Package
F21NM50	500	±30	21	0.17	0.23	2.5	4.5	204.5	TO-247
F24NM60	600	±30	24	0.15	0.16	2.5	4.5	290	TO-247 TO-263 TO-220 TO-220F1
F30NM60	600	±30	30	0.1	0.13	2.5	4.5	190	TO-220 TO-263 TO-220F1 TO-247
F75NM60Z	600	±30	75	0.038	0.046	2.5	4.5	205	TO-247
F80NM60Z	600	±30	80	0.028	0.035	2.5	4.5	397	TO-247
F9NM65	650	±30	9	0.48	0.58	2.5	4.5	110	TO-252
F15NM65-U2	650	±30	15	0.31	0.4	2.5	4.5	244	TO-220F TO-220F1 TO-220F2
F18NM65	650	±30	18	0.26	0.32	2.5	4.5	200	TO-220F1 TO-220F2 DFN8080-4
F21NM65	650	±30	21	0.18	0.22	2.5	4.5	170	TO-220 TO-220F TO-220F1 TO-220F2 DFN8080-4
F30NM65	650	±30	30	0.13	0.15	2.5	4.5	232	TO-220 TO-247 TO-263
F18NM70	700	±30	18	0.29	0.35	2.5	4.5	145	TO-220F1 TO-220F2
F21NM70	700	±30	21	0.22	0.25	2.5	4.5	123	TO-220F1 TO-220F2

Power MOSFET > Planar Power MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
2NK80Z	800	±20	2	6500	-	3	5	TO-252
3NK80Z	800	±20	3	5600	-	3	5	TO-252
9NK80Z	800	±20	9	1300	-	3	5	TO-220F1
10NK80Z	800	±20	10	1000	-	3	5	TO-247
11NK80Z	800	±20	11	900	-	3	5	TO-247 TO-247S
17NK80Z	800	±20	17	350	-	3	5	TO-247
2NK90Z	900	±20	2	7500	-	3	5	TO-252
3NK90Z	900	±20	3	7000	-	3	5	TO-220 TO-252
7NK90Z	900	±20	7	2500	-	3	5	TO-220F1
8NK90Z	900	±20	8	2300	-	3	5	TO-220F1 TO-220F4 TO-263 TO-247S
9NK90Z	900	±20	9	1500	-	3	5	TO-220F1
10NK90Z	900	±20	10	1300	-	3	5	TO-220F1
11NK90Z	900	±20	11	1100	-	3	5	TO-220F1 TO-247
15NK90Z	900	±20	15	400	-	3	5	TO-247
6NK95Z	950	±20	6	3000	-	3	5	TO-220F1
7NK95Z	950	±20	7	2600	-	3	5	TO-220F1
8NK95Z	950	±20	8	1800	-	3	5	TO-220F1
9NK95Z	950	±20	9	1380	-	3	5	TO-220F1
15NK95Z	950	±20	15	430	-	3	5	TO-247
2NK100Z	1000	±20	2	9000	-	3	5	TO-252
3NK100Z	1000	±20	3	8500	-	3	5	TO-252

Power MOSFET > Planar Power MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UFZ24N	55	±20	17	70	-	2	4	TO-251 TO-252 TO-220 SOT-223
UFZ24N-Q	55	±20	17	72	-	2	4	TO-220
UFZ24N-F	55	±20	17	43	-	1.5	3.5	TO-220 TO-252
UF3205-S	55	±20	110	9	-	1	3	TO-220
UF3205	55	±20	110	8	-	2	4	TO-220 TO-263 TO-3P TO-247
12N06Z	60	±20	12	100	-	1	3	TO-252
15N06	60	±15	15	-	-	1	2.5	SOP-8 TO-252 TO-220 TO-220F TO-220F1 TO-220F2 TO-251
25N06	60	±20	25	65	-	2	4	TO-252 TO-220
UFZ34	60	±20	28	42	-	2	4	TO-251 TO-252 TO-220
30N06	60	±20	30	40	-	2	4	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
30N06-Q	60	±20	30	40	-	2	4	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
UFZ44	60	±20	50	28	-	2	4	TO-220 TO-220F1 TO-252
50N06-F	60	±20	50	23	-	2	4	TO-251 TO-252 TO-220 TO-263
50N06	60	±20	50	23	-	2	4	TO-251 TO-252 TO-252D TO-263 TO-220 TO-220F TO-220F3 TO-220F1
60N06	60	±20	60	18	-	2	4	TO-220 TO-220F TO-263 TO-220F1
70N06	60	±20	70	15	-	2	4	TO-220 TO-220F TO-220F2 TO-263 TO-262
UF1010E	60	±20	84	12	-	2	4	TO-220 TO-220F1 TO-220F2 TO-263
75N75	75	±20	80	11	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-263
BSS123	100	±20	0.17	6000	-	0.6	2	SOT-23
BSS123Z	100	±20	0.17	6000	-	0.6	2	SOT-23
UK2962	100	±20	1	700	-	1.3	2	TO-92NL
6N10	100	±20	6.5	200	225	1	3	SOP-8 TO-252 TO-252D TO-223
7N10	100	±25	7	350	-	2	4	SOT-223 TO-251 TO-252 TO-252D
15N15-HC	150	±20	15	200	-	2	4	TO-252
19N10	100	±25	15.6	100	-	2	4	TO-251 TO-251S TO-251S2 TO-251S4 TO-252 TO-263 TO-220 TO-220F TO-220F1 TO-3P

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
25N10	100	±20	23	80	–	2	4	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
UF540-Q	100	±20	40	45	–	2	4	TO-220 TO-252
UF540	100	±20	27	36	–	2	4	TO-220 TO-220F TO-252 TO-263
UF3710	100	±20	57	23	–	2	4	TO-220 TO-263 TO-247
UF8010	100	±20	80	15	–	2	4	TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-247 TO-262
20N15-HC	150	±20	20	105	–	2	4	TO-252 TO-251SOP-8
30N15-HC	150	±30	30	80	–	2	4	TO-220F1 TO-220F2
30N15-ML	150	±30	30	70	–	2	4	TO-220F1 TO-220F2
40N15-HC	150	±20	40	45	–	2	4	TO-220F1 TO-220F2 TO-220
60N15	150	±20	60	30	–	2	4	TO-247
UF4N20Z	200	±20	4	2000	–	2	4	SOT-223 TO-251 TO-252 TO-220 PDFN3×3
UF4N20VZ	200	±12	4	1500	1800	1	3	SOT-223
7N20	200	±25	7	690	–	1	3	TO-251 TO-251L TO-252 TO-220 TO-220F TO-220F1 TO-220F2
7N20Z	200	±25	7	690	–	2	4	TO-252
UF630-HC	200	±30	9	350	–	2	4	TO-220 TO-251 TO-252 TO-220F TO-220F1 TO-220F2 TO-263
UF640-HC	200	±30	18	180	–	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252 TO-262 TO-263 TO-247
25N20-HC	200	±30	25	135	–	2	4	TO-220 TO-220F
30N20	200	±30	30	75	–	1.5	3.5	TO-220 TO-220F2 TO-247 TO-263
30N20-HC	200	±30	30	60	–	2	4	TO-220 TO-263 TO-220F1 TO-220F2 TO-247
UF50N20-HC	200	±30	50	50	–	2	4	TO-247 TO-263
UF3N25Z	250	±20	3	2000	–	2	4	SOT-223 TO-251 TO-251S TO-252 PDFN3X3
5N25Z	250	±20	3.8	1200	–	2	4	TO-252
5N25	250	±20	3.8	1200	–	2	4	TO-252
5N25Z-Q	250	±20	5	2000	–	2	4	TO-252
UF634-HC	250	±30	8.1	450	–	2	4	TO-220F TO-252 SOP-8
15N25	250	±30	15	320	–	2	4	TO-252 TO-220 TO-220F1 TO-220F
18N25-HC	250	±30	18	240	–	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
22N25-HC	250	±30	22	180	–	2	4	TO-220F TO-220F1 TO-220F2
UFP254	250	±20	23	140	–	2	4	TO-220 TO-220F2 TO-220F1 TO-263
33N25	250	±20	33	80	–	2	4	TO-247
UFP264	250	±20	38	75	–	2	4	TO-247
01N30	300	±30	0.1	7500	–	1	3	SOT-23
05N30	300	±30	0.5	5000	–	1	3	SOT-23 TO-220F1
UF2N30Z	300	±20	2	2500	–	2	4	SOT-223 TO-251 TO-251S TO-252
UF3N30Z	300	±20	3	2000	–	2	4	TO-251 TO-251S TO-252
4N30	300	±20	4	2000	–	2	4	TO-252
10N30-HC	300	±30	10	700		2	4	TO-220 TO-252
15N30-HC	300	±20	15	300	–	2	4	TO-252
18N30-HC	300	±30	18	250	–	2	4	TO-220 TO-220F1 TO-220F2
02N35Z	350	±20	0.2	7500	8000	1	2.5	SOT-23
2N40K-TA	400	±30	2	2500	–	2	4	SOT-223 TO-251 TO-251S TO-251S2 TO-251S4 TO-252 TO-252D TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3
UF730K-TC	400	±20	5.5	1100	–	2	4	TO-251 TO-252 TO-220 TO-220F TO-220F1 TO-220F2
6N40-TC	400	±20	6	1100	–	2	4	TO-220 TO-220F1 TO-220F2 TO-252 TO-251
8N40-ML	400	±30	8	750	–	2	4	TO-220F1 TO-220F2 TO-251TO-252
11N40-ML	400	±30	11	550	–	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252
12N40-ML	400	±30	12	460	–	2	4	TO-220 TO-220F TO-220F1
24N40-HC	400	±30	24	180	–	2	4	TO-220F1 TO-220F2 TOLL-8B
03N50-CB	500	±30	0.3	24000	–	2	4	SOT-223 SOP-8
05N50-SE	500	±30	0.5	13000	–	2	4	TO-92
08N50-CB	500	±30	0.8	12000	–	2	4	TO-251 SOT-23 SOT-89
08N50-SE2	500	±30	0.8	12000	–	2	4	SOP-8
1N50-SE2	500	±30	1	10000	–	2	4	TO-92
1N50-LC1	500	±30	1	7500	–	2	4	TO-251 TO-252 SOP-8
2N50-LC1	500	±30	2	4200	–	2	4	TO-251 TO-92
2N50-SE3	500	±30	2	7500	–	2	4	SOP-8
3N50-LC1	500	±30	3	3100	–	2	4	TO-251 TO-252
4N50-TC3	500	±30	4	2500	–	2	4	TO-220F TO-251 TO-252
4N50Z-TC3	500	±20	4	2500	–	2	4	TO-220F TO-220F1 TO-220F2 TO-251 TO-252

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
4N50Z-TC3	500	±20	4	2500	-	2	4	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
UF830-ML	500	±30	4	1500	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252
5N50Z-TC3	500	±20	5	1800	-	2	4	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
5N50-TC3	500	±30	5	1750	-	2	4	TO-220F TO-220F1 TO-251 TO-252 SOT-223
5N50-ML	500	±30	5	1500	-	2	4	TO-220F1 TO-220F2 TO-220F3 TO-251 TO-252
7N50-ML	500	±30	7	1200	-	2	4	TO-251 TO-252
UF840K-MTQ	500	±30	8	870	-	2	4	TO-220 TO-220F TO-220F1 TO-252 TO-263
8N50-ML	500	±30	8	900	-	2	4	TO-220 TO-220F1 TO-220F2 TO-251 TO-252
9N50-TC	500	±30	9	1000	-	2	4	TO-220 TO-220F TO-220F1 TO-251 TO-252
9N50Z-TC	500	±20	9	800	-	2	4	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
10N50-ML	500	±30	10	750	-	2	4	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
UK3568	500	±30	12	520	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-263
10N50-MLQ	500	±30	10	900	-	2	4	TO-220F1 TO-220F2 TO-251 TO-252
12N50-ML	500	±30	12	600	-	2	4	TO-220F1 TO-220F2
14N50-ML	500	±30	14	500	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-263 TO-262
15N50-ML	500	±30	15	450	-	2	4	TO-220F1 TO-220F2
16N50-ML	500	±30	16	420	-	2	4	TO-220F1 TO-220F2 TO-220F3TO-247
18N50-ML	500	±30	18	300	-	2	4	TO-220 TO-220F TO-220F1TO-220F2
18N50-MLQ	500	±30	18	360	-	2	4	TO-220 TO-220F TO-220F1TO-220F2 TO-3PB
20N50-HC	500	±30	20	270	-	2	4	TO-220F1 TO-220F2 TO-263 TO-247 TO-3P
23N50Q	500	±30	23	320	-	2	4	TO-3PB
24N50	500	±30	24	240	-	2	4	TO-247 TO-247S TO-3P
24N50-C	500	±30	24	240	-	2	4	TO-247

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
24N50-HCQ	500	±30	24	260	-	2	4	TO-247 TO-247S TO-3P
30N50-HC	500	±30	30	125	-	2	4	TO-247 TO-3PB
1N55-LC1	550	±30	1	8500	-	2	4	TO-251 TO-252
2N55-LC1	550	±30	2	4950	-	2	4	TO-251
3N55-LC1	550	±30	3	4400	-	2	4	TO-251
4N55-LC	550	±30	4	2500	-	2	4	TO-252
5N55-LC	550	±30	5	2100	-	2	4	TO-252
5N55-ML	550	±30	5	1800	-	2	4	TO-252
01N60Z-ML	600	±20	0.1	60000	-	2	4	SOT-23-3
BSS127	600	±20	0.021	500000	600000	1.4	2.6	SOT-23 SOT-23-3
BSS127Z	600	±20	0.021	500000	600000	1.4	2.6	SOT-23 SOT-23-3
03N60-KW	600	±30	0.3	20000	-	2	4	TO-92
03N60-CB	600	±30	0.3	24000	-	2	4	SOT-23 SOT-223
1N60-MS	600	±30	1	14000	-	2	4	SOT-223 TO-92
1N60-SE	600	±30	1	17500	-	2	4	TO-92 SOP-8
1N60-LC1	600	±30	1	11000	-	2	4	TO-251 TO-252 SOT-223 TO-92
1N60Z	600	±20	1.2	11500	-	2	4	SOT-223 TO-92 TO-252
2N60A-LC1	600	±30	2	6300	-	2	4	TO-220F1 TO-220F2 TO-252
2N60Z	600	±20	2	5000	-	2	4	TO-251 TO-220F TO-252 TO-126
2N60-LC1	600	±30	2	5000	-	2	4	TO-220 TO-251 TO-252 TO-220F SOT-223 SOP-8
3N60Z	600	±30	3	3600	-	2	4	TO-220F
3N60-LC	600	±30	3	3000	-	2	4	TO-251 TO-252
4N60Z	600	±20	4	2500	-	2	4	TO-251 TO-251S TO-252 TO-220F TO-220F1
4N60-ML	600	±30	4	2300	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-251S TO-252 TO-251S4
5N60Z	600	±20	5	1800	-	2	4	TO-220F1 TO-252
5N60-ML1	600	±30	5	2500	-	2	4	TO-220F1 TO-220F2
6N60Z	600	±20	6.2	1750	-	2	4	TO-220F
6N60-ML	600	±30	6	1700	-	2	4	TO-251 TO-252
7N60-ML	600	±30	7	1200	-	2	4	TO-220F1 TO-220F2 TO-220F3 TO-251 TO-252 TO-263 TO-262
7N60Z	600	±30	7.4	1000	-	2	4	TO-263 TO-220 TO-220F1
8N60-ML	600	±30	8	1000	-	2	4	TO-220F TO-220F1 TO-220F2
10N60-ML	600	±30	10	900	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3
10N60Z	600	±20	10	750	-	2	4	TO-220F1

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
12N60-ML	600	±30	12	740	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2
13N60-ML	600	±30	13	680	-	2	4	TO-220F1 TO-220F2
14N60-ML	600	±30	14	550	-	2	4	TO-220F TO-220F1 TO-220F2
16N60-ML	600	±30	16	550	-	2	4	TO-220F1 TO-220F2
17N60-ML	600	±30	17	420	-	2	4	TO-220F1 TO-220F2
18N60-HC	600	±30	18	450	-	2	4	TO-220F1 TO-220F2
18N60-ML	600	±30	18	400	-	2	4	TO-220F1 TO-220F2
20N60-HCQ	600	±30	20	500	-	2	4	TO-220F1 TO-220F2 TO-247
1N65-MS	650	±30	1	14000	-	2	4	TO-92 SOT-223
1N65-SE	650	±30	1	18000	-	2	4	TO-92 SOP-8
1N65-LC1	650	±30	1	12000	-	2	4	TO-251 TO-252 SOT-223 TO-92
1N65Q-TA	650	±30	1	9500	-	2	4	TO-251 TO-252 SOT-223 TO-92 SOP-8
2N65-CBS	650	±30	2	9500	-	2	4	SOT-223 TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3 TO-251 TO-251S TO-251S2 TO-251S4 TO-252 TO-252D PDFN5X6
2N65A-LC1	650	±30	2	6600	-	2	4	TO-252 TO-251 TO-220F TO-220F1 TO-220F2
2N65-LC1	650	±30	2	5500	-	2	4	TO-220 TO-220F TO-251 TO-252 SOT-223
2N65ZL	650	±20	2	5000	-	2	4	TO-251
3N65-LC	650	±30	3	3800	-	2	4	TO-252
3N65Z	650	±30	3	3800	-	2	4	TO-220F
4N65-TC3	650	±30	4	2900	-	2	4	TO-220F TO-220F1 TO-251 TO-252 TO-252D
4N65-ML	650	±30	4	2600	-	2	4	TO-220F TO-220F1 TO-220F2 TO-220F3 TO-262 TO-263 TO-251 TO-252 PDFN5X6
4N65Z	650	±30	4	2500	-	2	4	TO-220F
5N65-MLQ	650	±30	5	2600	-	2	4	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
5N65-ML1	650	±30	5	2500	-	2	4	TO-220F TO-220F1 TO-220F2 TO-251 TO-252 TO-262 TO-263
5N65Z	650	±20	5	2400	-	2	4	TO-220F1
6N65-ML	650	±30	6	1900	-	2	4	TO-220 TO-220F1 TO-220F2 TO-251 TO-252

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
7N65-ML	650	±30	7	1300	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-263 TO-262 TO-251 TO-252 PDFN5X6
8N65-ML	650	±30	8	1200	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252 TO-262 TO-263
8N65-MLQ	650	±30	8	1300	-	2	4	TO-220F1 TO-220F2 TO-251 TO-252 TO-262 TO-263
9N65-ML	650	±30	9	1300	-	2	4	TO-252
9N65-HD2	650	±30	9	1200	-	2	4	TO-252 TO-252D TO-251
10N65-ML	650	±30	10	1000	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-252D TO-262 TO-263
12N65-ML	650	±30	12	850	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-262 TO-263
13N65-ML	650	±30	13	720	-	2	4	TO-220F1 TO-220F2
14N65-ML	650	±30	14	650	-	2	4	TO-220 TO-220F TO-220F1 TO-220F2 TO-262 TO-263
16N65-ML	650	±30	16	600	-	2	4	TO-220F1 TO-220F2
17N65-ML	650	±30	17	480	-	2	4	TO-220F1 TO-220F2
18N65-HC	650	±30	18	500	-	2	4	TO-220F1 TO-220F2
18N65-ML	650	±30	18	430	-	2	4	TO-220F TO-220F1 TO-220F2 TO-220FJH
20N65-HC	650	±30	20	400	-	2	4	TO-247 TO-220F1 TO-220F2 TO-220F3
20N65-ML	650	±30	20	430	-	2	4	TO-220F1 TO-220F2
16N68-ML	680	±30	16	600	-	2	4	TO-220F1 TO-220F2
M67N68	680	±30	18	450	-	2	4	TO-220F1 TO-220F3
1N70-LC1	700	±30	1	13500	-	2	4	SOT-223 TO-251 SOT-89 TO-252
2N70A-LC1	700	±30	2	8500	-	2	4	TO-251 TO-252
2N70-LC1	700	±30	2	7000	-	2	4	TO-251
3N70-LC	700	±30	3	4300	-	2	4	TO-252
4N70-ML	700	±30	4	3000	-	2	4	TO-220F1 TO-220F2 TO-251 TO-252
5N70K-MT	700	±30	5	2400	-	2	4	TO-251 TO-251S TO-251S2 TO-251S4 TO-252 TO-252D TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3
6N70K-MTQ	700	±30	6	2400	-	2	4	TO-251 TO-251S TO-251S2 TO-251S4 TO-252 TO-252D TO-220 TO-220F TO-220F1 TO-220F2 TO-220F3
6N70-ML	700	±30	6	2400	-	2	4	TO-220F TO-220F1 TO-220F2 TO-251 TO-252

Power MOSFET > Planar Power MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
7N70-ML	700	±30	7	1700	-	2	4	TO-220F TO-220F1 TO-220F2 TO-220F3 TO-251 TO-252
8N70-ML	700	±30	8	1550	-	2	4	TO-220F TO-220F1 TO-220F2 TO-220F3 TO-251 TO-252 TO-252D
9N70-TC	700	±30	9	1250	-	2	4	TO-220 TO-220F TO-220F1
10N70-ML	700	±30	10	1400	-	2	4	TO-220F1 TO-220F2 TO-252D
12N70-ML	700	±30	12	1000	-	2	4	TO-220F1 TO-220F2
13N70-ML	700	±30	13	850	-	2	4	TO-220F1 TO-220F2
14N70-ML	700	±30	14	820	-	2	4	TO-220F TO-220F1 TO-220F2
16N70-ML	700	±30	16	660	-	2	4	TO-220F1 TO-220F2
17N70-ML	700	±30	17	560	-	2	4	TO-220F1 TO-220F2
18N70-HC	700	±30	18	600	-	2	4	TO-220F1 TO-220F2
18N70-ML	700	±30	18	550	-	2	4	TO-220F1 TO-220F2
20N70-HC	700	±30	20	420	-	2	4	TO-220F1 TO-220F2
05N80-FC	800	±30	0.5	17000	-	3	5	TO-252
1N80-FC	800	±30	1	11000	-	3	5	TO-220F TO-251 TO-252 SOT-223
2N80-C	800	±30	2	5600	-	3	5	TO-220 TO-220F TO-220F1 TO-251 TO-252
2N80-FC	800	±30	2	6800	-	3	5	TO-220F TO-251 TO-252 SOT-223
3N80-FC	800	±30	3	5200	-	3	5	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
4N80-FCQ	800	±30	4	4700	-	3	5	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
4N80-FC	800	±30	4	3700	-	3	5	TO-220F TO-220F1 TO-220F2 TO-252 TO-251
5N80-CQ	800	±30	5	3800	-	3	5	TO-220 TO-220F TO-220F1 TO-251 TO-252
5N80-FCQ	800	±30	5	3000	-	3	5	TO-220F TO-220F1 TO-220F2 TO-252
5N80-FC	800	±30	5	2500	-	3	5	TO-220F TO-220F1 TO-251
6N80-FC	800	±30	6	2200	-	3	5	TO-262 TO-263 TO-251 TO-252
7N80-FC	800	±30	7	1500	-	3	5	TO-220 TO-220F TO-220F1 TO-220F2
8N80-FC	800	±30	8	1700	-	2.5	4.5	TO-220 TO-220F TO-220F1 TO-220F4

Power MOSFET > Planar Power MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
8N80-FCQ	800	±30	8	1620	-	3	5	TO-220 TO-220F TO-220F1
9N80-FC	800	±30	9	1100	-	3	5	TO-220F1 TO-220F2
10N80-CQ	800	±30	10	1400	-	3	5	TO-220 TO-220F TO-220F1 TO-262 TO-263
10N80-C	800	±30	10	1100	-	3	5	TO-220F2
10N80-FC	800	±30	10	950	-	3	5	TO-220 TO-220F TO-220F1 TO-220F2 TO-3P TO-263
11N80-C	800	±30	11	900	-	3	5	TO-220F2 TO-220F1 TO-3P
12N80-FL	800	±30	12	950	-	3	5	TO-220F TO-220F1 TO-220F2
12N80-LC	800	±30	12	900	-	3	5	TO-220F TO-220F1 TO-220F2
12N80-FC	800	±30	12	780	-	3	5	TO-220 TO-220F TO-220F1 TO-3P TO-263
1N90-FC	900	±30	1	15000	-	3	5	TO-251 TO-252
2N90-FC	900	±30	2	8000	-	3	5	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
3N90-FC	900	±30	3	6700	-	3	5	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
4N90-FCQ	900	±30	4	5400	-	3	5	TO-220F TO-220F1 TO-251 TO-252
4N90-CQ	900	±30	4	4300	-	3	5	TO-220 TO-220F TO-220F1 TO-220F2 TO-251 TO-252
4N90-FC	900	±30	4	4600	-	3	5	TO-220F TO-220F1 TO-220F2 TO-220F3 TO-220 TO-251 TO-252 TO-262 TO-263
5N90-FCQ	900	±30	5	3700	-	3	5	TO-220F TO-220F1 TO-252
5N90-FC	900	±30	5	3300	-	3	5	TO-220F1 TO-220F2 TO-251 TO-252
6N90-FC	900	±30	6	2800	-	3	5	TO-220 TO-220F TO-220F2 TO-252 TO-220F1 TO-251 TO-262TO-263
7N90-FC	900	±30	7	1850	-	3	5	TO-220F1 TO-220F TO-220F2 TO-263
8N90-FC	900	±30	8	1600	-	3	5	TO-220 TO-220F1 TO-3PF
9N90-C	900	±30	9	1400	-	3	5	TO-220 TO-220F TO-220F1 TO-220F2 TO-3P TO-3PB TO-247 TO-247S

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
9N90-FC	900	±30	9	1500	-	3	5	TO-220 TO-220F TO-220F1TO-220F2 TO-247 TO-3P
12N90-C	900	±30	12	1200	-	2	4	TO-220F TO-3PN
12N90-FC	900	±30	12	950	-	3	5	TO-220 TO-220F TO-220F1TO-220F2 TO-3PB TO-3PN
2N100-FC	1000	±30	2	12000	-	3	5	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
3N100-FC	1000	±30	3	9000	-	3	5	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
4N100-FCQ	1000	±30	4	7500	-	3	5	TO-220F TO-220F1 TO-220F2 TO-251 TO-252
4N100-FC	1000	±30	4	5500	-	3	5	TO-220F
5N100-FCQ	1000	±30	5	5400	-	3	5	TO-252 TO-220 TO-220F TO-220F1 TO-220F2
6N100-FC	1000	±30	6	4000	-	3	5	TO-220F1
7N100-FC	1000	±30	7	2400	-	3	5	TO-220F TO-220F1 TO-220F2
8N100-FC	1000	±30	8	1400	-	3	5	TO-220 TO-220F TO-220F1
8N100-FCQ	1000	±30	8	2900	-	3	5	TO-220 TO-220F TO-220F1
9N100-FC	1000	±30	9	1900	-	3	5	TO-220 TO-247
10N100-FC	1000	±30	10	1400	-	3	5	TO-220F TO-220F1
1N100-FC	1000	±30	1	18500	-	3	5	TO-252
12N100-FC	1000	±30	12	1400	-	3	5	TO-220F TO-220F1
1N120-E2	1200	±30	1	12000	-	3	5	TO-220 TO-252
2N120	1200	±30	2	7500	-	3	5	TO-220 TO-263
2N120-E2	1200	±30	2	8000	-	3	5	TO-220 TO-220F1 TO-220F2
2N120A-E2	1200	±30	2	6800	-	3	5	TO-220 TO-220F1 TO-220F2
2N120-E4	1200	±30	2	10000	-	3	5	TO-220F1 TO-220F2
3N120-E2	1200	±30	3	5700	-	3	5	TO-220 TO-220F1 TO-220F2
3N120-E3	1200	±30	3	7000	-	3	5	TO-220F1
3N120-E4	1200	±30	3	6500	-	3	5	TO-220F1 TO-220F2
4N120-E2	1200	±30	4	4100	-	3	5	TO-220 TO-220F1 TO-220F2
4N120-E3	1200	±30	4	4200	-	3	5	TO-220 TO-220F1
4N120-E4	1200	±30	4	5500	-	3	5	TO-220F1TO-220F2
4N120	1200	±30	4	4000	-	3	6	TO-220 TO-220F TO-220F1 TO-220F2 TO-3PF TO-247 TO-263

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
5N120-E2	1200	±30	5	3000	-	3	5	TO-220F1 TO-220F2
5N120-E3	1200	±30	5	3500	-	3	5	TO-220 TO-247
5N120	1200	±30	5	3100	-	3	6	TO-247
6N120-E2	1200	±30	6	2500	-	3	5	TO-220F1 TO-247
6N120	1200	±30	6	2500	-	3	6	TO-247
7N120-E2	1200	±30	7	2400	-	3	5	TO-220F1 TO-247
7N120-E4	1200	±30	7	2600	-	3	5	TO-247
8N120	1200	±30	8	1800		3	6	TO-247
9N120-E3	1200	±30	9	1800	-	3	5	TO-247
9N120	1200	±30	9	1800	-	3	5	TO-247
12N120-E2	1200	±30	12	1600	-	3	5	TO-247
12N120-E4	1200	±30	12	1800	-	3	5	TO-247
13N120-E2	1200	±30	13	1500	-	3	5	TO-247
15N120-E3	1200	±30	15	1200	-	3	5	TO-247
02N150-P	1500	±30	0.2	65000	-	2	4	TO-220F TO-252
1N150-E4	1500	±30	1	16000	-	3	5	TO-220F1 TO-220F2
2N150	1500	±30	2	13000	-	3	5	TO-220 TO-263 TO-247 TO-3P TO-3PB TO-3PF
2N150-E3	1500	±30	2	13000	-	3	5	TO-220F1
2N150-E4	1500	±30	2	10000	-	3	5	TO-220F1 TO-220F2
3N150-E3	1500	±30	3	7500	-	3	5	TO-220 TO-220F1 TO-247 TO-3PF TO-263
3N150-E4	1500	±30	3	8500	-	3	5	TO-220F1 TO-220F2
4N150	1500	±30	4	6500	-	3	5	TO-3PF TO-3PB TO-247 TO-220 TO-263 TO-220F TO-220F1 TO-220F2
4N150-P	1500	±30	4	5000	-	3	5	TO-247
4N150-E2	1500	±30	4	5500	-	3	5	TO-220F1 TO-220F2
4N150-E3	1500	±30	4	6300	-	3	5	TO-247
6N150-E2	1500	±30	6	4000	-	3	6	TO-220F1 TO-220F2
6N150-E4	1500	±30	6	4000	-	3	5	TO-247
8N150	1500	±30	8	2400	-	3	5	TO-247 TO-3PF TO-3PN
8N150-E3	1500	±30	8	3100	-	3	5	TO-247
9N150	1500	±30	9	2300	-	3	5	TO-247
11N150-E4	1500	±30	11	3000	-	3	5	TO-247
14N150-E3	1500	±30	14	2000	-	3	5	TO-247

P-CH	VDSS (V) (Range)	VGS (±V)	ID –(A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UTML6401	–12	±8	–4.5	–	–0.4	–0.95	SOT–23 SOT–23–3
UTC606P–H	–12	±8	–6	–	–0.4	–1.5	SOT–26
UT1333	–20	±12	–0.55	600	–0.4	–1.2	SOT–323
UT6302	–20	±12	–0.78	–	–0.7	–1.5	SOT–23 SOT–23–3 DFN1820–6 DFN2030–6 DFN2020–8 PDFN3×3 PDFN5×6
UT4101	–20	±8	–2.4	–	–0.4	–1.5	SOT–23 SOT–23–3 DFN1820–6 DFN2030–6 DFN2020–8 PDFN3×3 PDFN5×6
UDN302	–20	±12	–2.4	–	–0.6	–1.5	SOT–23 DFN1820–6 DFN2030–6 PDFN3×3 PDFN5×6
UT2327	–20	±12	–2.6	–	–0.5	–	SOT–23–3 SOT–23
UT2301Z	–20	±8	–2.8	–	–0.45	–	SOT–23 PDFN3×3 PDFN5×6
UT2301	–20	±8	–2.8	–	–0.45	–	SOT–23 SOT–23–3 SOT–323
UT2301A	–20	±8	–2.8	–	–0.45	–	SOT–23–3
UT3413	–20	±8	–3	–	–0.3	–1	SOT–23 SOT–23–3
UT2315	–20	±10	–3.3	–	–0.3	–1	SOT–23–3 SOT–23
UT2315–H	–20	±10	–3.3	–	–0.3	–1	SOT–23–3
UT3419	–20	±12	–3.5	75	–0.7	–1.4	SOT–23 SOT–23–3 DFN1820–6 DFN2030–6 DFN2020–8 PDFN3×3 PDFN5×6
UT3419A	–20	±12	–3.5	75	–0.5	–1.2	SOT–23 SOT–23–3
UT2035Z	–20	±8	–3.6	–	–0.4	–1	SOT–23 DFN1820–6 DFN2030–6 PDFN3×3 PDFN5×6
UT2321	–20	±12	–3.8	–	–0.4	–1	SOT–23 DFN1820–6 DFN2030–6 PDFN3×3 PDFN5×6
UT3415	–20	±8	–4	–	–0.3	–0.9	SOT–23 SOT–26 SOP–8
UT2311	–20	±8	–4	–	–0.45	–	SOT–23 DFN2020–6B
UT2305–H	–20	±12	–4.2	–	–0.4	–0.9	SOT–23–3 SOT–23 DFN1820–6 DFN2020–6 DFN2030–6 DFN2020–8 PDFN3×3 PDFN5×6
UT2340	–20	±8	–4.2	–	–0.5	–1.2	SOT–23 SOT–23–3 DFN1820–6 DFN2030–6 PDFN3×3 PDFN5×6
UT2305	–20	±12	–4.2	53	–0.5	–1.2	SOT–23 SOT–23–3 SOT–26 DFN1820–6 DFN2030–6 DFN2020–8 PDFN3×3 PDFN5×6
UT2305–LV	–20	±8	–4.2	–	–0.45	–1.2	SOT–23 SOT–23–3 SOT–26
UT3443	–20	±12	–4.5	–	–0.4	–1.2	SOT–26 SOT–23 DFN1820–6 DFN2030–6 PDFN3×3 PDFN5×6
UT2311–F	–20	±8	–4.7	–	–0.3	–0.8	SOT–23–3
UT6P02	–20	±8	–6	–	–0.3	–1	SOT–26
UT8P02	–20	±10	–8	48	–0.3	–1.2	SOT–23
UT9P02	–20	±8	–9	–	–0.3	–1	SOT–26 DFN2020–6B
UT3310	–20	±12	–10	–	–0.5	–	TO–252 PDFN3×3
UT10P02	–20	±10	–10	32	–0.3	–1.2	SOT–89 SOT–23 PDFN3X3
UT7407	–20	±8	–14	–	–0.3	–0.9	PDFN3X3

P-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UTT14P02	–20	±12	–14	–	–0.3	–1	SOP–8
UT25P02L	–20	±8	–25	–	–0.3	–1	PDFN5X6
UT35P02	–20	±12	–35	–	–0.5	–2.5	SOP–8P DFN3×3
UP2003	–25	±20	–9	20	–1	–3	TO–252 PDFN5×6
UT3P01Z	–30	±10	–0.1	–	–0.4	–1.4	SOT–523 SOT–323 SOT–23–3 SOT–723 DFN1010–4 DFN1010–6 DFN1616–6 DFN1820–6 DFN2020–6 DFN2030–6 DFN2020–8 PDFN3×3 PDFN5×6
UTR4502	–30	±20	–1.13	200	–1	–3	SOT–23 SOT–23–3 DFN1820–6 DFN2030–6 DFN2020–8 PDFN3×3 PDFN5×6
UT7401	–30	±12	–1.2	150	–0.6	–1.4	SOT–23 SOT–23–3 SOT–323 DFN1820–6 DFN2020–6 DFN2030–6 DFN2020–8 PDFN3×3 PDFN5×6
UT2352	–30	±25	–1.3	180	–0.8	–2.5	SOT–23 PDFN3×3 PDFN5×6
UT3403	–30	±12	–2.6	130	–0.6	–1.4	SOT–23 SOT–23–3 DFN1820–6 DFN2030–6 DFN2020–8 PDFN3×3 PDFN5×6
UT3409	–30	±20	–2.6	130	–1	–3	SOT–323 SOT–23 SOT–23–3 DFN1820–6 DFN2030–6 DFN2020–8 PDFN3×3PDFN5×6
UT3P03	–30	±20	–3	100	–1	–2.5	SOT–23–3 SOT–223
UT3P03Z	–30	±20	–3	100	–1	–2.5	SOT–23 SOT–23–3
UT2309	–30	±20	–3.7	75	–1	–3	SOT–23 SOT–23–3 DFN1820–6 DFN2030–6 PDFN3×3 PDFN5×6
UT2309A	–30	±20	–3.7	75	–1	–3	SOT–23
UT2309–H	–30	±20	–3.7	75	–1.2	–2.5	SOT–23 SOT–23–3
UTC654	–30	±20	–3.6	75	–1	–3	SOT–26 SOT–23 SOT–23–3
UT06P03	–30	±20	–4	45	–0.9	–3	SOT–89 SOT–26 TO–252 PDFN3×3 PDFN5×6
UT2343	–30	±20	–4	42	–1	–2.5	SOT–23
UT3401	–30	±12	–4.2	50	–0.7	–1.3	SOT–23 SOT–26 DFN1820–6 DFN2030–6 PDFN3×3 PDFN5×6
UT3401Z	–30	±12	–4.2	50	–0.4	–1.3	SOT–23 PDFN3×3 PDFN5×6
UT9435	–30	±20	–5.3	50	–1	–3	TO–252 SOT–89 SOP–8 SOT–26 SOT–23 SOT–223 DFN2020–6B
UT6401	–30	±12	–5	46	–0.7	–1.3	SOT–26 SOT–23 SOT–223 DFN1820–6 DFN2030–6 PDFN3×3 PDFN5×6
UT9435HZ	–30	±20	–5.3	55	–1	–3	SOP–8 SOT–223 SOT–23 SOT–26 SOT–89 DFN1820–6 DFN2030–6 PDFN3×3 PDFN5×6
UT8P03M	–30	±20	–8	45	–1	–3	SOP–8 PDFN3×3
UT8P03V	–30	±12	–8	40	–0.5	–1.5	PDFN3×3
UT4411	–30	±20	–8	32	–1.2	–2.4	SOP–8 PDFN3×3 PDFN5×6
UTT4815–H	–30	±20	–8	20	–1	–2.5	SOP–8
UTT4815	–30	±25	–8	20	–1	–3	SOP–8

Power MOSFET > Trench Power MOSFET(P-CH)

P-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UT4435	−30	± 25	−8.8	20	−1	−3	TO−252 SOP−8 PDFN3X3 PDFN5X6
UT3008−H	−30	± 20	−11.7	17	−1.1	−2.1	SOP−8 PDFN3 × 3 PDFN5 × 6
UTT6675	−30	± 20	−11	15	−1	−3	SOP−8
UT4407	−30	± 20	−13	12	−1	−2.5	SOP−8
UTT4425	−30	± 25	−14	11	−2	−3.5	SOP−8 PDFN5 × 6
UT4413	−30	± 25	−15	14	−2	−4	SOP−8
UTD405	−30	± 20	−18	32	−1.2	−2.4	TO−252 SOP−8 PDFN3 × 3 PDFN5 × 6
UT25P03	−30	± 20	−25	52	−1	−3	TO−252
UT30P03	−30	± 20	−30	40	−1	−3	TO−252 PDFN3 × 3 PDFN5 × 6
UTT36P03	−30	± 20	−36	38	−1	−3	TO−252 PDFN5 × 6 SOP−8
UT45P03	−30	± 20	−45	14	−1	−3	PDFN3 × 3
UTT60P03	−30	± 20	−60	13	−2	−4	TO−252
UT70P03	−30	± 20	−70	7	−1	−3	TO−251 TO−252 TO−220F TO−220 SOP−8 PDFN5 × 6
UTT75P03	−30	± 20	−75	7	−1	−3	TO−220
UT85P03	−30	± 20	−85	7.2	−1	−3	TO−252
UTT100P03	−30	+5/−16	−100	4.3	−1	−2.1	TO−220
UT6637	−35	± 20	−55	12	−1	−3	TO−252
UT4P04M	−40	± 20	−4	110	−1	−3	SOT−23
UT2319	−40	± 20	−4.4	75	−1	−3	SOT−23
UT5P04M	−40	± 20	−5	82	−1	−3	SOT−23 PDFN3 × 3
UT9564	−40	± 25	−7.3	28	−1	−3	SOP−8TO−252
UT5504	−40	± 20	−8	55	−1	−2.5	TO−251 TO−252 SOP−8 PDFN3 × 3 PDFN5 × 6
UTD413	−40	± 20	−12	45	−1	−3	TO−252 TO−252D SOT−223 SOP−8
UTT13P04−H	−40	± 20	−13	12	−1	−3	SOP−8
UT15P04	−40	± 20	−15	64	−1	−3	TO−252 SOP−8
UTT20P04	−40	± 20	−20	42	−1	−3	TO−252 PDFN5 × 6
UT30P04	−40	± 20	−30	36	−1	−3	TO−252 PDFN5 × 6 SOP−8
UTT30P04	−40	± 20	−30	37	−1	−3	TO−252 PDFN5 × 6
UTT40P04	−40	± 20	−40	20	−1	−3	SOP−8 TO−251 TO−252 TO−252D TO−220 TO−220F TO−220F1
UT40P04M	−40	± 20	−40	28	−1	−2.5	PDFN3 × 3
UTT50P04	−40	± 20	−50	15	−1	−3	TO−252 SOP−8 PDFN5 × 6 TO−220F
UTT65P04	−40	± 20	−65	15	−1	−3	TO−220
UT100P04	−40	± 20	−100	9	−1	−3	TO−263TO−252
BSS84ZW	−50	± 20	−0.13	−	−0.8	−2.5	SOT−323
BSS84ZT	−50	± 20	−0.13	−	−0.8	−2	SOT−523 DFN1010−4 DFN1010−6 DFN1616−6 DFN1820−6 DFN2020−6 DFN2030−6 DFN2020−8 PDFN3 × 3 PDFN5 × 6
BSS84Z	−50	± 20	−0.13	−	−0.8	−2.5	SOT−23−3 DFN1010−4 DFN1010−6 DFN1616−6 DFN1820−6 DFN2020−6 DFN2030−6 DFN2020−8 PDFN3 × 3 PDFN5 × 6
UT20P05	−50	± 20	−20	33	−1	−3	TO−252

Power MOSFET > Trench Power MOSFET(P-CH)

P-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UT9Z24	−55	± 20	−17	58	−1	−3	TO−220 TO−252
UT02P06	−60	± 20	−0.2	4000	−1	−3	SOT−23−3
UT03P06	−60	± 20	−0.3	4500	−1	−3	TO−92
UT1D5P06	−60	± 20	−1.5	230	−1	−3	SOT−23
UT2P06	−60	± 20	−2	175	−1	−3	SOT−23 SOT−23−3 SOT−223 SOT−89 DFN1820−6 DFN2030−6 DFN2020−8 PDFN3 × 3 PDFN5 × 6
UT3P06	−60	± 20	−3	160	−1	−3	SOT−23 SOT−26 SOT−223 DFN1820−6 DFN2030−6 PDFN3 × 3 PDFN5 × 6
UT3P06−Q	−60	± 20	−3	160	−1	−3	SOT−23 SOT−26 TO−252
UT6354	−60	± 20	−4	105	−1	−2.5	SOT−23 SOT−223 SOT−26
UT6354−H	−60	± 20	−5	100	−1.2	−2.6	SOT−26 SOT−223
UT4421	−60	± 20	−6.2	48	−1	−3	SOP−8 PDFN5 × 6
UTT7P06	−60	± 20	−6.2	48	−1	−3	SOP−8 PDFN5 × 6
UT10P06	−60	± 20	−10	130	−1	−3	SOP−8 TO−252
UTT15P06	−60	± 25	−15	75	−1	−3	TO−251 TO−252 TO−220 TO−220F SOT−89 SOP−8
UTT18P06	−60	± 20	−18.3	70	−1	−3	TO−252 TO−251 TO−220 TO−220F TO−220F1 TO−220F2 PDFN5 × 6
UTT25P06	−60	± 15	−27.5	75	−1.2	−2.4	TO−251 TO−252 TO−220 TO−220 FPDFN5 × 6
UTT30P06	−60	± 15	−30	50	−1.1	−2	TO−251 TO−251S4 TO−220 TO−220F TO−252 TO−263
UT35P06	−60	± 20	−35	30	−1	−3	SOP−8
UTT50P06−H	−60	± 20	−35	30	−1	−2.5	TO−252
UTT50P06	−60	± 20	−50	15	−1	−3	TO−220 TO−220F TO−252 TO−262 TO−263
UT80P06	−60	± 20	−80	14	−1	−3	TO−263 TO−220
UTT120P06	−60	± 20	−120	9	−2	−4	TO−220 TO−263
UTT12P10	−100	± 20	−12	200	−1	−3	TO−252 TO−251 PDFN5 × 6 SOT−223
UT12P10	−100	± 20	−12	200	−1	−3	TO−251TO−252
UTT15P10	−100	± 25	−15	260	−1	−3	TO−252 TO−220 SOT−223
UTT16P10	−100	± 20	−16	210	−1	−3	TO−252
UTT16P10Z	−100	± 20	−16	210	−1	−3	TO−252
UTT18P10	−100	± 20	−18	180	−1	−3	TO−252 TO−220 PDFN5 × 6
UF9540	−100	± 20	−23	110	−2	−4	TO−220
UTT24P10−H	−100	± 25	−24	95	−1.2	−2.2	TO−252 TO−220
UTT25P10	−100	± 20	−25	98	−1	−3	TO−220 TO−220F TO−252 TO−251 TO−263 PDFN5 × 6 SOP−8
UT25P10H	−100	± 20	−25	150	−2	−4	TO−252
UTT50P10	−100	± 20	−50	60	−1	−3	TO−220 TO−220F TO−220F1 TO−220F2 TO−251 TO−252
UTT50P10−H	−100	± 20	−50	43	−1.2	−2.5	TO−252D TO−220 TO−220F TO−220F1 TO−220F2 TO−263 TO−252

Power MOSFET > Trench Power MOSFET(P-CH)

P-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UT50P10H	−100	±20	−50	65	−2	−4	TO−220F
UTT70P10	−100	±20	−70	30	−1	−3	TO−220
UT70P10H	−100	±20	−70	38	−2	−4	TO−252
15P12	−120	±20	−15	250	−2	−4	TO−252 TO−220
UF07P15	−150	±20	−0.7	3100	−2	−4	SOT−23
UTT2523	−150	±20	−1	1200	−2	−4	SOT−23 PDFN3X3
UT3437	−150	±20	−1.4	750	−2	−4	SOT−26
UTT7115	−150	±20	−8.9	265	−2	−4	PDFN5X6
UT10P15	−150	±20	−10	350	−1	−3	TO−252
UT10P15H	−150	±20	−10	370	−2	−4	TO−252
UTT1P20	−200	±20	−1	1400	−2	−4	SOT−26
UT2P20	−200	±20	−2	3000	−1	−3	SOT−23

Power MOSFET > Trench Power MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UF7476	12	±12	15	−	8	0.6	1.9	SOP−8
100N02	15	±8	100	−	7.5	0.5	1.2	TO−251 TO−252
UT3043Z	20	±10	0.255	−	2500	0.4	1.3	SOT−723
UT3434	20	±8	0.75	−	300	0.3	1	SOT−23−3 SOT−363 SOT−523
BSS214	20	±12	1.5	−	140	0.5	1.2	SOT−23−3 SOT−323
UT3430	20	±8	2	−	150	0.7	1.1	SOT−23−3
UT2302	20	±8	2.4	−	50	0.45	1.2	SOT−23 SOT−23−3 SOT−323 DFN1820−6 DFN2030−6 DFN2020−8 PDFN3×3 PDFN5×6
UT2302D	20	±8	2.4	−	90	0.45	1.2	SOT−23−3
UT2308	20	±10	2.7	−	80	0.4	1	SOT−23 SOT−23−3 DFN1820−6 DFN2030−6 DFN2020−8 PDFN3×3 PDFN5×6
2SK3476	20	±5	3	−	−	0.55	1.55	SOT−223
UT3414	20	±8	4.2	−	50	0.4	1	SOT−23 SOT−23−3
UML2502	20	±12	4.2	−	45	0.45	1.2	SOT−23 SOT−23−3 DFN1820−6 DFN2030−6 PDFN3×3 PDFN5×6
UT2312	20	±8	5	−	33	0.45	−	SOT−23 SOT−23−3 SOP−8 DFN1820−6 DFN2030−6 PDFN3×3 PDFN5×6
UTM2054	20	±16	5	40	54	0.6	1.5	SOT−23 SOT−89 DFN1820−6 DFN2030−6 PDFN3×3 PDFN5×6
UT2312H	20	±8	5	−	55	0.5	1.2	SOT−23−3
UT3416	20	±8	6.5	−	22	0.4	1	SOT−23 SOT−26 DFN2030−6B PDFN3×3 PDFN5×6 SOT−23−3
UT3416B	20	±8	6.5	−	20	0.4	1	DFN2020−6B
UP9T15G	20	±12	12.5	−	50	0.5	1.5	TO−252 DFN1820−6 DFN2030−6 PDFN3×3 PDFN5×6
UT20N02L	20	±8	20	20	35	0.3	1	SOP−8
UTP45N02	20	±10	45	−	−	1	2	TO−252 PDFN3×3 PDFN5×6
UT45N02L	20	±8	45	−	9	0.4	1	TO−252 SOP−8
90N02	20	±8	90		12	0.55	1.2	TO−251 PDFN3×3 PDFN5×6
90N02A	20	±8	90	−	10	0.55	1.2	TO−251
UTT200N02	20	±20	200	2.4	−	1	3	TO−220
UT200N02V	20	±12	200	1.8	2	0.5	1.5	TO−220 PDFN5X6
UTN3055	25	±20	12	90	−	0.8	2.5	TO−252P DFN3×3 PDFN5×6
UT3055	25	±16	12	70	95	1.10typ	−	TO−251 TO−252 DFN1820−6 DFN2030−6 DFN2020−8 PDFN3×3 PDFN5×6
UT8242	25	±20	8.5	13	21	1	3	DFN2020−6

Power MOSFET > Trench Power MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UT45N03	25	±15	40	21	–	1	2	TO-251 TO-252 DFN2030-6 PDFN3×3 PDFN5×6
UTM2513	25	±20	40	13	23	1.3	2.5	TO-252 DFN1820-6 DFN2030-6 PDFN3×3 PDFN5×6
UTD452	25	±20	55	8.5	14	1	3	TO-252 PDFN5×6
UK3919	25	±20	64	5.6	–	2	3	TO-252 PDFN5×6
UT75N02	25	±20	75	7	–	1	3	TO-220 TO-251
UK3018	30	+20/-12	0.1	–	–	0.8	1.5	SOT-23-3 SOT-323 SOT-523
UK3019	30	±20	0.1	–	–	0.8	1.5	SOT-23-3SOT-523
UT3N01Z	30	±10	0.15	–	1800	0.4	1.3	SOT-523 SOT-323 SOT-23-3 SOT-723 DFN1006-3 DFN1010-4 DFN1010-6 DFN1616-6 DFN1820-6 DFN2020-6 DFN2030-6 DFN2020-8 PDFN3×3 PDFN5×6
UTD351	30	±20	1.4	160	250	0.8	3	SOT-23 SOT-23-3 DFN1820-6 DFN2030-6 DFN2020-8 PDFN3×3 PDFN5×6
UT2304	30	±20	2.5	117	190	1	3	SOT-23 SOT-23-3 SOT-89 DFN1820-6 DFN2030-6 DFN2020-8 PDFN3×3 PDFN5×6
UT2306	30	±20	3.5	65	90	1	2	SOT-23 SOT-23-3
UT3406	30	±20	3.6	65	105	1	3	SOT-23 SOT-23-3
UT2316	30	±20	3.6	65	85	1	3	SOT-23 SOT-23-3 DFN1820-6 DFN2030-6 DFN2020-8 PDFN3×3 PDFN5×6 SOT-223
UT3418	30	±12	3.8	60	70	0.6	1.8	SOT-23 SOT-23-3 SOT-323
UT3400-H	30	±12	5.3	32	35	0.4	0.9	SOT-23 DFN1820-6 DFN2030-6 DFN2020-8 PDFN3×3PDFN5×6
UT3404	30	±20	5.8	28	48	1	3	SOT-23 SOP-8 SOT-26 DFN1820-6 DFN2030-6 PDFN3×3 PDFN5×6
UT3400	30	±12	5.8	28	33	0.7	1.4	SOT-23 DFN1820-6 DFN2030-6 PDFN3×3 PDFN5×6 SOT-23-3
UT4800	30	±25	6.5	18.5	30	0.8	1.8	SOP-8
UT6402	30	±20	6.9	28	42	1	3	SOT-23 SOT-26 PDFN3×3 PDFN5×6
UT7N03Z	30	±12	7	65	90	0.5	2	SOT-23-3
UTD410	30	±20	8	65	105	1	3	SOT-223 TO-252 SOT-23-3 SOT-23 SOP-8
UT4414	30	±20	8.5	26	40	1	3	SOP-8 TO-252 DFN1820-6 DFN2030-6 PDFN3×3 PDFN5×6 SOT-23 SOT-89
UT4404	30	±12	8.5	24	30	0.7	1.4	SOP-8 PDFN3×3 PDFN5×6
UT4404V	30	±12	8.5	20	21.5	0.5	1.2	SOP-8 DFN2020-6B
UT8067-H	30	±20	9	18	28	1.2	2	SOP-8
UTD420	30	±20	10	28	42	1	3	TO-252 PDFN5×6

Power MOSFET > Trench Power MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UT4466	30	±25	10	23	33	1	2.4	SOP-8 PDFN5×6
UT4410	30	±20	11	11	15	1	3	SOP-8
UT4422	30	±20	11	15	24	1	3	SOP-8 PDFN5×6
UT4406	30	±12	12	14.8	17.5	0.5	1.5	SOP-8 PDFN3×3 PDFN5×6
UT4392	30	±20	12.5	11.5	16.5	1	3	SOP-8
UT4446-H	30	±20	15	13	18	1	3	SOP-8
UT4446	30	±20	15	7.8	13	1	3	SOP-8 PDFN3X3
UTD408	30	±20	18	18	27	1	2.5	TO-252 PDFN3×3
UT20N03	30	±20	20	20	31	1	3	SOP-8 TO-252 PDFN5×6 PDFN3×3 DFN2020-6B
UF7832	30	±20	20	4	5.5	1	2.5	SOP-8
UTD484	30	±20	25	15	23	1	2.5	TO-252 PDFN3×3 PDFN5×6
UTT26N03-H	30	±12	26	12	18	1	2.5	PDFN3×3
UT40N03T	30	±25	40	25	45	1	3	TO-251 TO-252 TO-263 TO-220 PDFN3×3 PDFN5×6
UT30N03	30	±20	30	30	45	1	–	TO-252 TO-220F PDFN3×3 PDFN5×6
UTD20N03	30	±20	30	20	31	1	3	TO-252
UTM3023	30	±20	30	20	–	1	2	TO-252 PDFN3×3 PDFN5×6
UD4809	30	±20	30	9	14	1	2.5	SOP-8 TO-252 PDFN5×6
UT7430	30	±20	34	12	16	1.5	2.5	PDFN3×3 PDFN5×6
UT40N03	30	±20	40	17	23	1	3	TO-251 TO-252 PDFN3×3 PDFN5×6
UTT40N03	30	±20	40	17	23	1	3	TO-251 TO-252 PDFN5×6 SOP-8
UT7422	30	±20	40	5.6	9.6	1	3	TO-252 SOP-8P DFN3X3 PDFN5X6
UT7422-H	30	±20	40	4.3	6	1.3	2.4	PDFN3×3 PDFN5×6
UT7422Z	30	±20	40	4.3	6	1.3	2.4	PDFN3×3
UTD36N03	30	±20	43.4	17	22	1	2	TO-252 TO-220
UT60T03	30	±20	45	12	25	1	3	TO-252 TO-263 TO-220F PDFN5X6
UTT45N03	30	±20	45	10	18	0.9	2	SOP-8 PDFN5X6 PDFN3×3
UTL1426	30	±12	46	10.5	12.5	1	2.5	SOP-8
UT50N03	30	±20	50	10	15	1	2.5	TO-251 TO-252 TO-252D PDFN3×3 PDFN5×6
UTT50N03L	30	±20	50	7.8	13	1	3	PDFN5X6 PDFN3×3 SOP-8 TO-252
UT3006	30	±20	55	9	16	1	3	TO-252 PDFN5X6
UT60N03	30	±20	60	23	30	1	3	TO-251 TO-252 TO-252D TO-220 PDFN5X6

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UT70N03	30	± 20	70	7.2	9.5	1	3	TO-220 TO-251 TO-252 PDFN5 × 6
UTD436	30	± 20	60	7.5	13	1	3	TO-252 PDFN5 × 6
UTT60N03H-H	30	+20/ -16	60	5.5	8.5	1.1	2.2	PDFN5 × 6
UTM3052-H	30	± 20	62	8	12.5	1.2	2.5	PDFN5 × 6
UT65N03	30	± 20	65	8.4	14.6	1.3	3	TO-220
UTT68N03	30	± 20	68	9.2	18	0.8	2	TO-252
UTT75N03	30	± 20	75	4	7	1	3	TO-252 TO-252D PDFN5 × 6
ULB4132	30	± 20	78	5.3	8	1	3	TO-220PDFN5 × 6
UT90N03	30	± 20	90	4.5	5.5	1.5	2.5	TO-251 TO-252 TO-252D TO-263 PDFN5 × 6
UTT95H03-H	30	± 20	95	4	6	1	3	TO-253 PDFN5 × 6
UT100N03	30	± 20	100	4.6	6	1	3	TO-251 TO-252 TO-220 TO-220F TO-252D TO-263 PDFN5X6
UT100N03-Q	30	± 20	100	5.3	8	1	3	TO-220 TO-263 PDFN5X6
UNA03R029M	30	± 20	105	2.9	3.7	1	3	TO-220
UT120N03	30	± 20	120	4	6.6	1	3	TO-220 TO-252 PDFN5X6
UT136N03	30	± 20	136	3	4	1	3	TO-220 TO-263
UTT150N03	30	± 20	150	4.1	4.6	1	3	TO-220
UTT200N03	30	± 20	200	2.6	-	1	3	TO-220 TO-263
UT200N03V	30	± 12	200	2	2.2	0.5	1.5	TO-220 PDFN5X6
UTT220N03	30	± 20	220	2.4	-	1	3	TO-220 TO-263
UT5N04M	40	± 20	5	45	60	1	3	SOT-23-3
UD8N04Z	40	± 12	5.2	85	112	1	3	SOP-8
UD12N04Z	40	± 12	6	38	50	1	2.5	SOP-8
UT4450	40	± 20	7	30	38	1	3	SOP-8 SOT-223 PDFN3 × 3 PDFN5 × 6
UTD454	40	± 20	12	33	47	1	3	TO-252 SOT-223
UTT20N04	40	± 20	20	33	60	1	3	SOP-8
UT20N04	40	± 20	20	30	50	1	3	SOP-8 PDFN5 × 6
UT24N04	40	± 20	24	17	22	0.6	1.8	SOP-8
UTT25N04	40	± 20	25	28	52	1	3	TO-252
UT25N04	40	± 12	25	20	26	1	3	SOP-8
UT30N04	40	± 20	30	13	25	1	3	TO-251 SOP-8
UT35N04	40	± 20	35	12	17	1	3	SOP-8
UT38N04	40	± 20	38	8.5	13	1	3	TO-252 PDFN3 × 3
UT40N04	40	± 20	40	12	16	1	3	TO-252 SOP-8 PDFN5 × 6 PDFN3 × 3
UT45N04	40	± 20	45	8.5	12	1	3	SOP-8 TO-252 PDFN5X6
UT50N04	40	± 20	50	7	11	0.8	2.3	TO-220 TO-263 TO-252 PDFN3X3
UT80N04	40	± 20	80	6	8	1	3	TO-220 SOP-8 PDFN5X6

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UTT85N04	40	± 20	85	3.7	4.3	1	3	TO-220 TO-220F2
UT100N04	40	± 20	100	4.8	6.5	1	3	TO-220 TO-252 PDFN5 × 6 TO-263
UF7446	40	± 20	100	3.7	-	2	4	TO-263 TO-220
UTT120N04	40	± 20	120	3.8	5.1	1	3	TO-263 TO-220
UT120N04H	40	± 20	120	4	-	2	4	TO-263
UT200N04	40	± 12	200	2.5	3.3	1	3	TO-220 PDFN5X6
UK1398	50	± 7	0.1	-	-	1	3	SOT-23 TO-92
UP672	50	± 7	0.1	-	-	0.7	1.5	SOT-363
UK2158	50	± 7	0.1	-	-	0.5	1.1	SOT-23-3 DFN1010-4 DFN1010-6 DFN1616-6 DFN1820-6 DFN2020-6 DFN2030-6 DFN2020-8 PDFN3 × 3 PDFN5 × 6
BSS138	50	± 20	0.22	3500	6000	0.5	1.5	SOT-23 SOT23-3 SOT-323
BSS138-Q	50	± 20	0.22	3500	6000	0.5	2	SOT-23-3
UTT15N05	50	± 20	15	55	65	1	3	SOP-8
UTT30N05	50	± 20	30	40	-	2	4	TO-252 PDFN5 × 6
UTT36N05	50	± 15	36	-	-	1	2.5	TO-223 TO-220 PDFN5 × 6
UTT50N05	50	± 20	50	23	-	2	4	TO-252 PDFN5 × 6
UTT60N05	50	± 20	60	18	-	2	4	TO-220 PDFN5 × 6
UTT80N05	50	± 20	80	7	-	2	4	TO-220
UTT100N05	50	± 20	100	7(TYP)	10(TYP)	1	3	TO-220
UTZ24N	55	± 20	17	38	55	1.5	3.5	TO-220TO-252
UTZ44	55	± 20	50	14	19	1	3	TO-220TO-252
UT60N055	55	± 20	60	11	15	1	3	TO-252
UTT3205	55	± 20	110	8	-	1.4	3	TO-220
02N06Z	60	± 20	0.2	2400	-	1	2.5	SOT-323 DFN1010-4 DFN1010-6 DFN1616-6 DFN1820-6 DFN2020-6 DFN2030-6 DFN2020-8 PDFN3 × 3 PDFN5 × 6
BSS138K	60	± 20	0.22	1800	2400	0.5	1.5	SOT-23 SOT-23-3
BSS138KW	60	± 20	0.22	1800	2400	0.5	1.5	SOT-323
UT02N06VZ	60	± 8	0.2	-	4000	0.5	1.5	SOT-23 SOT-23-3 SOT-323 SOT-523
2N7002	60	± 20	0.3	3000	4000	1	2.5	SOT-23-3
2N7002T	60	± 20	0.3	13500	-	1	2.5	SOT-523
2N7002W	60	± 20	0.3	13500	-	1	2.5	SOT-323
2N7002Z	60	± 20	0.3	4000	6000	1	2.5	SOT-23-3 DFN1006-3
2N7002ZT	60	± 20	0.3	4000	6000	1	2.5	SOT-523
2N7002ZW	60	± 20	0.3	4000	6000	1	2.5	SOT-323
2N7002K	60	± 20	0.3	4000	6000	1	2.5	SOT-23-3 DFN1010-4 DFN1010-6 DFN1616-6 DFN1820-6 DFN2020-6 DFN2030-6 DFN2020-8 PDFN3 × 3 PDFN5 × 6

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
2N7002KW	60	±20	0.3	4000	6000	1	2.5	SOT-323 DFN1010-4 DFN1010-6 DFN1616-6 DFN1820-6 DFN2020-6 DFN2030-6 DFN2020-8 PDFN3×3 PDFN5×6
UT2N06	60	±20	2.2	235	280	1	2.5	SOT-23-3 SOT-23 SOT-89 TO-92
UF3055-Q	60	±20	3	140	-	2	4	TO-252
UT3N06	60	±20	3	90	120	1	3	SOT-23-3 SOT-23 SOT-26 SOT-223 SOP-8 TO-92 SOT-89 TO-220 TO-220F TO-251 TO-252 PDFN3×3 PDFN5×6
UT3N06-L	60	±20	3	110	150	0.5	1.5	SOT-23 SOT-23-3 SOT-89 SOT-223
UTT3N06	60	±20	3	80	100	1	3	SOT-23 TO-252
UT3N06-Q	60	±20	3	110	150	1	3	SOT-89
UT4N06	60	±20	4	75	105	1	2.5	SOT-23 SOT-223 TO-251 TO-252
UT3458	60	±20	4.1	100	128	1	3	SOT-23 SOT-26 DFN1820-6 DFN2030-6 PDFN3×3 PDFN5×6 SOT-89
UT5N06	60	±30	5	65	90	1	3	SOT-23 SOT-223 SOT-89
UT9971P	60	±25	5	63	86	1	3	SOT-223 SOP-8
UT9971	60	±20	5	63	86	1	3	SOP-8
UTT4850	60	±20	6	25	31	1	2.5	SOP-8 PDFN5×6
UTM6006	60	±20	6.3	18	20	1.2	2.5	SOP-8 PDFN5×6
UTM6016	60	±20	12	12	15	1	2.5	SOP-8 TO-252TO-220 PDFN5×6 PDFN3X3
UT15N06	60	±20	15	28	40	0.8	2.5	TO-263 PDFN5×6 SOP-8 TO-252 TO-220
UTT15N06	60	±20	15	28	40	0.8	2.5	TO-263 PDFN5×6 SOP-8 TO-252
UTT20N06	60	±20	20	50	65	1	3	TO-251 TO-252 TO-263 TO-220 SOP-8 PDFN5×6
UT24N06	60	±20	24	40	50	1	3	SOP-8 TO-252 SOT-223
UTT24N06	60	±20	24	40	-	1	3	TO-251 TO-252
UFZ34V	60	±20	28	42	-	1	3	TO-220F1
UTT30N06	60	±20	30	22	30	1	3	TO-251 TO-252 TO-252D TO-220 TO-263 PDFN5×6 SOP-8
UT30N06	60	±20	30	25	35	1	3	SOP-8 TO-252 PDFN5X6 PDFN3X3 TO-263 TO-220
UT30N06H	60	±20	30	16	-	2	4	TO-252 SOP-8
UTN6266	60	±20	30	15	19	1.5	2.5	TO-251 TO-252 SOP-8 TO-220 PDFN5×6
UTN6266-L	60	±20	30	15	19	1	2.5	PDFN5×6

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UT32N06	60	±20	32	18	22	1	3	SOP-8 PDFN5×6
UT35N06	60	±20	35	15	23	1	3	TO-220 TO-252
UT40N06	60	±20	40	17	30	1	3	PDFN3×3
UTT48N06	60	±20	48	20	30	1	3	TO-252
UTT50N06	60	±20	50	15	20	1	3	TO-220 TO-220F TO-220F1 TO-263 TO-251 TO-252 TO-252D PDFN5×6
UTT50N06M	60	±20	50	12	15	1	3	TO-251 TO-252 TO-220 TO-220F1 PDFN5×6
UTT50N06H	60	±20	50	12	-	2	4	TO-252 TO-220
UT60N06	60	±20	60	11	14	1	3	TO-251 SOP-8
UTT60N06	60	±20	60	18	-	2	4	TO-252 TO-220 TO-220F TO-263 PDFN5×6
UTT70N06	60	±20	70	12	-	2	4	TO-251 TO-252 TO-252D TO-220 TO-220F SOP-8 PDFN5×6
UT70N06	60	±20	70	8	14	1	3	TO-252 PDFN5X6
UTT75N06	60	±20	75	10	-	2	4	SOP-8 TO-263 PDFN5×6 TO-220 TO-247
80N06	60	±20	80	8.5	-	2	4	TO-220
UTT80N06	60	±20	80	7	9	1	3	TO-220 TO-263 TO-247 TO-252D TO-252 PDFN5×6 SOP-8
UTT80N06H	60	±20	80	6.5	-	2	4	TO-220 TO-252
UTT130N06M	60	±20	120	5.9	7.2	1	3	TO-251 TO-252 TO-220 TO-220F1 TO-220F2 TO-3P PDFN5×6 SOP-8 TO-263
UTT130N06H	60	±20	130	6.5	-	2	4	TO-220 TO-252
UK4145	60	±20	84	10	-	2	4	TO-220 TO-263 PDFN5×6
UT90N06	60	±20	90	6.5	11	1	3	PDFN5X6 TO-220
UTT100N06	60	±20	100	7	-	1	3	TO-220 TO-220F2
UF150N06M	60	±20	150	6	9	1	3	TO-247
UTT150N06H	60	±20	150	3.8	-	2	4	TO-220
UT150N06H	60	±20	150	5.6	-	2	4	TO-220 TO-263
UTT100N07	65	+20/-12	100	2.8	5.4	1	2.5	PDFN5×6
UF5N07	70	±20	5	200	-	2	4	TO-252
UT30N07	70	±20	30	19	23	1	3	TO-251TO-252
UTT75N07	70	±20	75	10	-	1	3	TO-220
80N07	70	±20	80	15	-	2	4	TO-220
UTT80N07	70	±20	80	11	-	2	4	TO-220 TO-252 PDFN5×6
UTT75N75M	75	±20	75	9	12	1	3	TO-220 TO-220F TO-263 TO-251 TO-252
UTT75N75	75	±20	75	10	20	1	3	TO-220 TO-220F TO-252
UTT80N75	75	±25	80	14	-	2	4	TO-220 TO-251 TO-252

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UTT100N75H	75	±20	100	9	–	2	4	TO-220 TO-220F TO-252 PDFN5×6 TO-247 TO-263
UT3N08	80	±20	3	300	350	1	3	TO-251
UF5N08	80	±20	5	210	–	2	4	TO-252 TO-251
UT7852	80	±20	12.5	16.5	–	2	–	SOP-8 PDFN5×6
UT14NP08	80	±20	14	70	75	1	3	TO-252-4
UTT25N08	80	±25	25	120	–	2	4	TO-252 PDFN5×6
UTT30N08	80	±20	30	40	50	1	3	TO-252 PDFN5×6
UTT38N08	80	±20	38	35	60	1	3	TO-252
UTT40N08	80	±20	40	45	–	2	4	TO-252 PDFN5×6
UT60N08M	80	±20	60	12	15	1	3	TO-220
UTT75N08M	80	±20	75	11	13	1	3	TO-220
UTT80N08	80	±20	80	14	–	2	4	TO-220 TO-220F1 TO-220F2 TO-220F3 TO-263 TO-252 PDFN5X6
UF7493	80	±20	80	14	–	2	4	SOP-8
UTT100N08M	80	±20	100	12	14	1	3	TO-251 TO-252 TO-220F SOP-8 PDFN5×6 TO-220 TO-220F1
UT120N08	80	±20	120	9	11	1	3	TO-220 TO-252 PDFN5X6
USGR028N85	85	±20	200	2.5	2.8	2	4	TO-220
UTT60N09M	90	±20	60	18.7	21	1	3	SOP-8 PDFN5×6
UTT80N09M	90	±20	80	13.5	15.5	1	3	SOP-8 PDFN5×6
UT41N09	90	±20	82	15	–	1	3	TO-251 TO-252
UT90N09	90	±20	90	11.5	12.8	1	3	TO-220 PDFN5X6
UT05N10	100	±20	0.5	680	750	1	3	SOT-23-3
UT1N10	100	±20	1	500	550	1	3	SOT-23 SOT-23-3 TO-252
UTT1D5N10	100	±20	1.5	280	300	1	2.5	SOT-23 SOT-23-3 DFN1820-6 DFN2030-6 DFN2020-8 PDFN3×3 PDFN5×6
UT2N10	100	±10	2	320	380	1	3	TO-252 TO-92 TO-92NL SOT-223 SOT-23 SOT-23S
UTT2N10-H	100	±16	2	220	235	1	2.5	SOT-23-3 SOT-223 DFN1820-6 DFN2030-6 DFN2020-8 PDFN3×3 PDFN5×6
UF3N10	100	±20	3	330	–	2	4	TO-252
UT3N10	100	±20	3	165	180	1	3	SOT-89 SOT-23 SOT-26 PDFN3×3 SOT-223 TO-252 TO-92
UTT4N10	100	±16	4	150	–	1	3	SOT-89 PDFN3×3 PDFN5×6 SOT-223 TO-252 DFN1820-6 DFN2030-6
UT4N10	100	±20	4	140	160	1	3	SOT-23 TO-252

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
UT5N10	100	±20	5	130	180	1	3	SOT-89 SOT-23 SOT-223 SOT-26 PDFN3X3 TO-252
UTT6N10	100	±20	6	175	200	1	3	SOT-223 TO-252
UTT6N10Z	100	±20	6	108	153	1	3	SOT-223 TO-252
UT7N10	100	±20	7	115	135	1	3	TO-252 TO-220 TO-251 PDFN3X3
UT10N10	100	±20	10	96	110	1	3	TO-252 SOP-8
UT15N10	100	±20	15	72	84	1	3	TO-252 SOP-8
UT15N10H	100	±20	15	125	–	2	4	SOT-223
UTT15N10M-Q	100	±20	15	175	203	1	2.2	TO-252 TO-220 TO-220F TO-220F1 TO-220F2 TO-251
UTT15N10	100	±20	15	125	150	1	3	TO-220 TO-252 TO-251
UT17N10	100	±20	17	105	–	1	3	TO-252
UT25N10	100	±20	25	60	75	1	3	SOP-8 PDFN5×6 TO-252
UTT28N10	100	±20	28	60	80	1	3	TO-252
UTT30N10	100	±20	30	52	72	1	3	TO-220 TO-220F TO-251 SOP-8 TO-252 TO-263 PDFN5×6
UT32N10	100	±20	32	18	25	1	3	TO-220 TO-252 PDFN5×6 SOP-8
UTT36N10	100	±20	36	44	48	1	3	SOP-8 TO-251 TO-252 TO-220 TO-220F PDFN5×6 TO-263
UTT36N10H	100	±20	36	44	–	2	4	TO-220 TO-251 TO-252
USG40N10	100	±20	48	16	28	1	2.5	TO-220 TO-252 PDFN5×6 PDFN3×3
UTT60N10	100	±20	60	24	–	2	4	TO-220 TO-220F1 TO-252 TO-3P TO-263 TO-262 SOP-8 PDFN5X6
UTT60N10M	100	±20	60	18	25	1	3	SOP-8 TO-251 TO-220F PDFN5×6 TO-252 TO-247 TO-220
USG60N10	100	±20	60	10.5	15	1	3	SOP-8 TO-263 TO-252 PDFN5×6
UT75N10H	100	±20	75	14	–	2	4	TO-220
UTT80N10	100	±20	80	18	–	1	3	TO-220
UTT80N10H	100	±20	80	14	–	2	4	TO-220 TO-220F PDFN5×6 TO-220F2 TO-252 TO-220F1 TO-263TO-247
USG80N10	100	±20	80	8	12	1	2.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-252 PDFN5X6 SOP-8
USG135N10	100	±20	135	5	7.2	1	3	TO-220 TO-263 TO-220F1 PDFN5X6 TO-252 TO-262
USG135N10H	100	±20	135	5.5	–	2	4	TO-220 TO-263 TO-220F1 TO-252 PDFN5X6
USG170N10	100	±20	170	3.5	–	2	4	TO-220 TO-263 TO-220F

Power MOSFET > Trench Power MOSFET(N-CH)

N-CH	VDSS (V) (Range)	VGS (±V)	ID (A) (Range)	RDS(ON)MAX.(mΩ) atVGS=10V (Range)	RDS(ON)MAX.(mΩ) atVGS=4.5V (Range)	VGS(th)(V) MIN. (Range)	VGS(th)(V) MAX. (Range)	Package
USGR026N10	100	±20	200	2.6	–	2	4	TO-220 TO-263 TO-247 TOLL-8A TOLL-8B
UT5N12	120	±20	5	140	150	1	3	SOP-8
UT48N12	120	±20	48	24	32	1	3	TO-220 TO-252 TO-252D
UT2N15	150	±20	2	300	–	2	4	SOT-26 SOT-223 SOP-8
UTT4N15-F	150	±25	4	65	–	2	4	SOP-8
UT5N15	150	±20	5	320	–	2	4	SOP-8 SOT-26 SOT-223 PDFN3X3
UTT5N15	150	±20	5	300	–	2	4	SOT-26 TO-252
UTT16N15	150	±20	16	150	170	1	3	SOT-223 PDFN3×3
UTT20N15	150	±20	20	145	–	2	4	TO-220 TO-220F TO-252
UT30N15H	150	±20	30	42	–	2	4	TO-220 TO-252 SOP-8 PDFN5X6
UF4615	150	±20	30	42	–	2	4	TO-220 TO-252 SOP-8 PDFN5X6
UTT50N15M	150	±20	50	46	75	1	3	TO-252 TO-220 TO-263
UT70N15	150	±20	70	26	–	4	6	TO-220
UFB4321	150	±20	80	17	–	2	4	TO-220 TO-220F1 TO-263
UT2N20	200	±20	2	625	–	2	4	SOT-26 TO-92 SOT-223
UK4N20	200	±20	4	1050	–	1	3	TO-252 SOT-223
UTT5N20	200	±20	5	700	–	2	4	TO-252
UTT9N20	200	±20	9	330	–	2	4	TO-251 TO-252 PDFN5×6
UT15N20	200	±20	15	165	175	1	3	TO-252
UF15N20	200	±20	15	120	–	1	3	TO-220
UTT18N20	200	±20	18	140	150	1	3	TO-220 TO-252 TO-220F TO-220F1
UTT65N20	200	±20	65	32	–	2	4	TO-220 TO-263 TO-220F1 TO-220F2
UTT2N25	250	±20	2	1000	–	2	4	SOT-26
UT40N25	250	±20	40	70	–	4	6	TO-220
UT50N25	250	±30	50	58	–	3	5	TO-220 TO-220F TO-263 TO-247 TO-3P
UTT50N25	250	±20	50	50	–	2	4	TO-220

Power MOSFET > Combo Power MOSFET

Configuration	Part No.	VDSS (V) (Range)	VGSS (V) (Range)	ID(A) (Range)	RDS(ON)V_{GS}=10V (mΩ)(Max) (Range)	RDS(ON)V_{GS}=4.5V (mΩ)(Max) (Range)	Package
DualN	UT8205A	20	±8	6	–	28	SOT-26 SOP-8 TSSOP-8
DualN	UD9926	20	±10	6	–	32	TSSOP-8 SOP-8 PDFN3×3
DualN	UT6898	20	±12	9.4	–	14	SOP-8
DualN	UK3018BW	30	±20	0.1	–	–	SOT-353
DualN	UM6K1N	30	+20/-12	0.1	–	–	SOT-363
DualN	UT02NN03Z	30	±10	0.2	–	1800	SOT-363
DualN	UT03NN03Z	30	±10	0.3	–	1200	SOT-363
DualN	UT7317	30	±20	6	28	42	SOP-8
DualN	UT4812	30	±20	6.9	28	42	SOP-8
DualN	UT4812Z	30	±20	6.9	28	42	SOP-8 TSSOP-8
DualN	UT4232	30	±20	7.8	22	32	SOP-8
DualN	UT4822	30	±20	8.5	19	26	SOP-8 PDFN5×6 PDFN3×3
DualN	UTT8NN03	30	±20	8	30	40	SOP-8
DualN	UTT10NN03	30	±20	10	20	30	SOP-8
DualN	UTT21NN03	30	±20	10.5	23	35	PDFN3×3 PDFN5×6
DualN	UD8N04Z	40	±12	5.2	85	112	SOP-8
DualN	UD12N04Z	40	±12	6	38	50	SOP-8
DualN	UD4840-H	40	±20	6	32	42	SOP-8
DualN	UT20NN04	40	±20	20	20	32	SOP-8
DualN	UT24NN04	40	±20	24	15	20	SOP-8
DualN	UP672	50	±7	0.1	–	–	SOT-363
DualN	2N7002KDW	60	±20	0.115	3000	4000	SOT-363
DualN	UT02NN06VZ	60	±8	0.22	–	4000	SOT-363
DualN	BSS138KDW	60	±20	0.22	1800	2400	SOT-363
DualN	UM6K31N	60	±20	0.25	2400	3000	SOT-363
DualN	2N7002DW-Q	60	±20	0.3	2500	–	SOT-363
DualN	2N7002DW	60	±20	0.3	2000	–	SOT-363
DualN	2N7002ZDW	60	±20	0.3	4000	–	SOT-363 SOT-26
DualN	UP9971	60	±25	5	60	72	DIP-8 SOP-8
DualN	UT9971	60	±20	5	63	86	SOP-8
DualN	UTT15NN06	60	±20	15	35	53	SOP-8
DualN	UT20NN06	60	±20	20	35	47	SOP-8 PDFN5×6
DualN	UT30NN06	60	±20	15	32	40	PDFN5×6
DualN	UTT48NN06	60	±20	24	20	30	SOP-8 PDFN5×6
DualN	UTT48NN06-Q	60	±20	24	18	21	SOP-8
DualN	12NN10	100	±20	2.5	180	–	SOP-8
DualN	UTT12NN10	100	±20	2.5	280	–	PDFN3×3 SOP-8
DualN	UT3NN10	100	±20	3	150	170	PDFN5×6
DualN	UT8NN10	100	±20	4	120	145	SOP-8
DualN	UT17NN10	100	±20	17	105	–	SOP-8
DualN	UT30NN10H	100	±20	30	38	–	SOP-8 PDFN5×6

Configuration	Part No.	VDSS (V) (Range)	VGSS (V) (Range)	ID(A) (Range)	RDS(ON)V_{GS}=10V (mΩ)(Max) (Range)	RDS(ON)V_{GS}=4.5V (mΩ)(Max) (Range)	Package
DualN	10NN15	150	±20	3	400	–	SOP-8
DualN	2NN50-SE1	500	±30	2	6500	–	SOP-8
DualN	F2NN50-LC1	500	±30	2	5000	–	SOP-8
DualN	1NN70-ML	700	±30	1	8000	–	PDFN5×6
DualN	2NN65-LC1	650	±30	2	5500	–	PDFN5×6
DualN	4NN65-MHQ	650	±30	4	3600	–	PDFN5×6
DualP	UD4P02	-20	±16	-4	80	100	SOP-8
DualP	UTM4953	-30	±25	-4.9	60	95	SOP-8
DualP	UTM4953-H	-30	±25	-5	55	85	SOP-8
DualP	UT4957	-30	±20	-7.7	24	36	SOP-8
DualP	UT9PP03	-30	±20	-9	18	26	SOP-8
DualP	UT20PP03	-30	±20	-20	20	27.5	SOP-8
DualP	BSS84ZDW	-50	±20	-0.13	–	10000	SOT-363
DualP	UT3PP06	-60	±20	-3	160	200	SOP-8
DualP	UT8PP06M	-60	±20	-8	110	145	SOP-8
N+P	UD6604-H	20 -20	±8	3.4 -2.5	–	40 66	SOT-26
N+P	UTT30NP30	20 -25	±8 ±20	30	15 25	18 34	TO-252-4
N+P	UT6M2	30 -20	±12	1.5 -1	–	240 390	SOT-363
N+P	QS8M11	30 -30	±20	3.5 -3.0	50 75	65 115	SOP-8
N+P	UT4NP03	30 -30	±20	4 -4	45 96	62 130	SOP-8
N+P	UP2790	30-30	±20	6.0 -6.0	28 60	40 80	SOP-8
N+P	UD4606	30 -30	±20	6.9 -6.0	28 35	42 58	DIP-8 SOP-8
N+P	UD4606Z	30 -30	±20	6.9 -6.0	28 35	42 58	SOP-8
N+P	UT5003	30 -30	±20	7.0 -5.0	27.5 45	40 80	SOP-8
N+P	UT5003Z	30 -30	±20	7.0 -5.0	27.5 45	40 80	SOP-8
N+P	UTT9NP03	30 -30	±20	9.0 -8.0	16 28.6	23.7 40.3	SOP-8
N+P	20NP03	30 -30	±20	25.0 -19.0	18 38	28 64	TO-252-4
N+P	UD4509-H	30 -30	±20	28.0 -25.0	10 21	16 32	SOP-8 PDFN5X6
N+P	UTT8NP03	30 -30	±20	8.0 -5.0	30 70	40 100	SOP-8
N+P	UTT12NP03	30 -30	±10	12.0 -8.0	30 50	35 70	PDFN3×3
N+P	UT25NP03	30 -30	±20	25 -25	16 24	24 32	TO-252-4
N+P	UD4614	40 -40	±20	6.1 -5.2	31 45	45 63	SOP-8 TO-252-4
N+P	UD606	40 -40	±20	8.0 -8.0	33 50	55 70	TO-252-5 SOP-8 PDFN5×6
N+P	UT20NP04	40 -40	±20	10 -10	45 73	65150	SOP-8 PDFN3X3 TO-252-4
N+P	UT8NP04	40 -40	±20	16 -16	18 50	30 68	SOP-8 TO-252-4
N+P	UD3004-H	40 -40	±20	15.0 -12.0	32 40	42 52	TO-252-4
N+P	UT35NP04	40 -40	±20	15 -15	20 45	30 58	SOP-8TO-252-4
N+P	UTM4052	40 -40	±20	17 -15	38 50	–	SOP-8 TO-252-4 PDFN5×6
N+P	22NP04	40 -40	±20	24.0 -19.0	30 35	–	TO-252-4
N+P	UT30NP04	40 -40	±20	"30 -30	40 50	60 80	TO-252-4
N+P	F17NP055	55 -55	±20	34 -34	44 134	–	SOP-8
N+P	UT3NP06	60 -60	±20	3 -3	56 95	66 120	SOP-8

Configuration	Part No.	VDSS (V) (Range)	VGSS (V) (Range)	ID(A) (Range)	RDS(ON)V_{GS}=10V (mΩ)(Max) (Range)	RDS(ON)V_{GS}=4.5V (mΩ)(Max) (Range)	Package
N+P	UT18NP06	60 -60	±20	9 -9	18 50	28 70	TO-252-4 PDFN5×6
N+P	UTT10NP06	60 -60	±20	10 -10	56 68	64 88	SOP-8 TO-252-4 TO-220-5 PDFN5×6
N+P	UT20NP06	60 -60	±20	10 -10	30 63	46 76	SOP-8 TO-252-4 PDFN5×6
N+P	UT15NP06	60 -60	±20	15 -15	58 115	83 170	SOP-8
N+P	UT32NP06	60 -60	±20	16 -16	18 65	20 112	PDFN5×6
N+P	UT14NP08	80 -80	±20	14 -14	70 190	75	TO-252-4
N+P	UTT6NP10	100 -100	±20	6 -6	150 155	200 210	SOP-8 TO-252-4 PDFN5×6
N+P	UT12NP10	100 -100	±20	12 -12	100 165	125 190	PDFN5×6
N+P	UT18NP10	100 -100	±20	9 -9	60 220	68 250	TO-252-4
DualN+DualP	UD9930	30 -30	±25	5.5 -4.1	40 60	60 100	SOP-8
DualN+DualP	UD9930M	30 -30	±25	5.5 -4.1	45 70	70 100	SOP-8
DualN+DualP	6NNPP03	30 -30	±20	6	28 50	33 65	SOP-8
DualN+DualP	2NNPP06	60 -60	±20	2 -1.9	250 400	350 600	SOP-8
DualN+DualP	1NNPP10	100 -100	±20	1.0 -0.89	700 1000	–	SOP-8
N+Schottky	UT4810D	30	±20	7.5	13.5	20	SOP-8

JFET

Part No.	V_{GDO} (V) (Range)	I_G (mA)	I_D (mA)	P_D (mW)	|YFS| MIN.(mS) (Range)	|YFS| Typ.(mS) (Range)	IDSS MIN.(uA) (Range)	IDSS MAX.(uA) (Range)	VGS(off) MIN.(V) (Range)	VGS(off) MAX.(V) (Range)	Package
TF218	−20	10	1	100	0.65	1	140	350	−0.2	−1	SOT−523 SOT−723
K596	−20	10	1	100	0.4	1.2	100	800	·−0.6	−1.5	TO−92SP
TF215	−20	10	1	100	0.8	1.2	140	350	−0.2	−1	SOT−523
TF212	−20	10	1	100	1	1.2	140	350	−0.2	−1.2	SOT−113S SOT−523 SOT−723
TF202	−20	10	10	100	−	1.43	100	350	−	−0.38·	SOT−113S SOT−723 TO−523 SOT−23
TF2123	−20	10	10	100	−	1.43	100	350	−	−0.38	SOT−23 SOT−523 SOT−723
K1109	−20	10	10	80	0.6	1.6	40	600	−0.1	−1	SOT−23−3 SOT−23S SOT−723
K4059	−20	10	0.5	100	1.35	1.85	140	500	−0.1	−1	SOT−723 TSOT−723
TF219	−20	10	10	100	−	2.1	210	350	−	−0.3	SOT−723
TF5123	−20	10	10	100	−	2.1	100	500	−	−0.3	SOT−723
TF112304	−20	10	10	100	−	1	140	350	−	−	SOT−723 TSOT−723
2SK508	−15	5	50	200	14	19	10000	50000	−0.6	−3.5	SOT−23
UCF1923	−6.5	10	10	100	0.4	−	140	400	−0.2	−1.5	SOT−723
K1875	−20	10	10	100	15	25	6000	32000	−	−2.5	SOT−323 SOT−23
2SK302	−30	10	20	200	2.5	6	600	1600	−	−4	SOT−113S SOT−723 SOT−23 TO−92
2SK303	−30	10	20	200	2.5	6	600	12000	·−1.0	−4	SOT−23 TO−92 SOT−113 SOT723
2SK3666	−30	10	10	200	3	6.5	600	6000	−0.18	−2.2	SOT−23
UK2751	−35	−	5	200	1	−	250	1200	−0.65	−0.85	SOT−23 SOT−23S SOT−723
J113	−35	50	2	350	−	−	2000	−	−0.5	−3	SOT−23
2SK545	−40	10	1	125	0.05	0.13	30	300	·-1.5	−4	SOT−23
2SK2751	−40	2	10	200	2.5	−	1400	4700	−	−3.5	SOT−23 SOT−323
2SK209	−50	10	3	150	4	−	1200	14000	−0.2	−1.5	SOT−23
MMBF4391	−30	50	−	225	−	−	50000	150000	−4	−10	SOT−23
MMBF4392	−30	50	−	225	−	−	25000	75000	−2	−5	SOT−23
MMBF4393	−30	50	−	225	−	−	5000	30000	−0.5	−3	SOT−23
MMBFJ176	30	50	−	225	−	−	−2000	−25000	1	4	SOT−23
MMBFJ177	30	50	−	225	−	−	−1500	−20000	0.8	2.5	SOT−23

Bipolar Junction Transistor > Transistor with Zener Diode

Part No.	Configuration	BV_{CEO} (V)Max. (Range)	BV_{CBO} (V)Max. (Range)	I_C (A)Max. (Range)	hFE MIN. (Range)	Package
UTX440156	NPN	40	60	0.60	100	SOT−26

Bipolar Junction Transistor > Complex Digital Transistor

Part No.	Configuration	V_{CC} V_{CEO} (V)Max. (Range)	$I_{O(MAX.)}$ $I_{C(MAX.)}$ (mA) (Range)	GI(hFE) MIN.	GI(hFE) MAX.	R1 (KΩ)Typ. (Range)	R2 (KΩ)Typ. (Range)	Package
UA1J	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−353
UA1G	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−25
UA1K	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−363
UA1H	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−26
UB1J	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−353
UB1G	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−25
UB1K	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−363
UB1H	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−26
UB5G	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−25
UB5H	PNP+PNP	−50	−100	56	−	22.0	22.0	SOT−26
UA2J	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−353
UA2G	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−25
UA2K	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−363
UA2H	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−26
UB2J	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−353
UB2G	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−25
UB2K	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−363
UB2H	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−26
UB6J	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−353
UB6K	PNP+PNP	−50	−100	68	−	47.0	47.0	SOT−363
UG1J	NPN+NPN	50	100	56	−	22.0	22.0	SOT−353
UG1G	NPN+NPN	50	100	56	−	22.0	22.0	SOT−25
UG1K	NPN+NPN	50	100	56	−	22.0	22.0	SOT−363
UG1H	NPN+NPN	50	100	56	−	22.0	22.0	SOT−26
UG2J	NPN+NPN	50	100	68	−	47.0	47.0	SOT−353
UG2G	NPN+NPN	50	100	68	−	47.0	47.0	SOT−25
UG2K	NPN+NPN	50	100	68	−	47.0	47.0	SOT−363
UG2H	NPN+NPN	50	100	68	−	47.0	47.0	SOT−26
UH1J	NPN+NPN	50	100	56	−	22.0	22.0	SOT−353
UH1G	NPN+NPN	50	100	56	−	22.0	22.0	SOT−25
UH1K	NPN+NPN	50	100	56	−	22.0	22.0	SOT−363
UH1H	NPN+NPN	50	100	56	−	22.0	22.0	SOT−26
UH2J	NPN+NPN	50	100	68	−	47.0	47.0	SOT−353
UH2G	NPN+NPN	50	100	68	−	47.0	47.0	SOT−25
UH2K	NPN+NPN	50	100	68	−	47.0	47.0	SOT−363
UH2H	NPN+NPN	50	100	68	−	47.0	47.0	SOT−26
UH5J	NPN+NPN	50	100	56	−	22.0	22.0	SOT−353
UH5G	NPN+NPN	50	100	56	−	22.0	22.0	SOT−25
UH5K	NPN+NPN	50	100	56	−	22.0	22.0	SOT−363
UH5H	NPN+NPN	50	100	56	−	22.0	22.0	SOT−26
UH6J	NPN+NPN	50	100	68	−	47.0	47.0	SOT−353

Part No.	Configuration	V_{CC} V_{CEO} (V)Max. (Range)	$I_{O(MAX.)}$ $I_{C(MAX.)}$ (mA) (Range)	GI(hFE) MIN.	GI(hFE) MAX.	R1 (KΩ)Typ. (Range)	R2 (KΩ)Typ. (Range)	Package
UH6G	NPN+NPN	50	100	68	–	47.0	47.0	SOT-25
UH6K	NPN+NPN	50	100	68	–	47.0	47.0	SOT-363
UH6H	NPN+NPN	50	100	68	–	47.0	47.0	SOT-26
UD2J	PNP+NPN	-50	-100	56	–	22.0	22.0	SOT-353
		50	100	56	–	22.0	22.0	SOT-353
UD2G	PNP+NPN	-50	-100	56	–	22.0	22.0	SOT-25
UG1J		50	100	56	–	22.0	22.0	SOT-25
UD2K	PNP+NPN	-50	-100	56	–	22.0	22.0	SOT-363
UG1J		50	100	56	–	22.0	22.0	SOT-363
UD2H	PNP+NPN	-50	-100	56	–	22.0	22.0	SOT-26
UG1J		50	100	56	–	22.0	22.0	SOT-26
UD10K	PNP+NPN	-50	-100	80	–	2.2	46.2	SOT-363
		50	100	80	–	2.2	46.2	SOT-363
UD12K	PNP+NPN	-50	-100	68	–	47.0	47.0	SOT-363
		50	100	68	–	47.0	47.0	SOT-363
UA5J	PNP+PNP	-50	-100	80	–	2.2	46.2	SOT-353
UA5G	PNP+PNP	-50	-100	80	–	2.2	46.2	SOT-25
UA5K	PNP+PNP	-50	-100	80	–	2.2	46.2	SOT-363
UA5H	PNP+PNP	-50	-100	80	–	2.2	46.2	SOT-26
UA7J	PNP+PNP	-50	-100	30	–	4.7	9.87	SOT-353
UA7G	PNP+PNP	-50	-100	30	–	4.7	9.87	SOT-25
UA7K	PNP+PNP	-50	-100	30	–	4.7	9.87	SOT-363
UA7H	PNP+PNP	-50	-100	30	–	4.7	9.87	SOT-26
UA8J	PNP+PNP	-50	-100	68	–	10.0	47.0	SOT-353
UA8G	PNP+PNP	-50	-100	68	–	10.0	47.0	SOT-25
UA8K	PNP+PNP	-50	-100	68	–	10.0	47.0	SOT-363
UA8H	PNP+PNP	-50	-100	68	–	10.0	47.0	SOT-26
UB9J	PNP+PNP	-50	-100	68	–	10.0	47.0	SOT-353
UB9G	PNP+PNP	-50	-100	68	–	10.0	47.0	SOT-25
UB9K	PNP+PNP	-50	-100	68	–	10.0	47.0	SOT-363
UB9H	PNP+PNP	-50	-100	68	–	10.0	47.0	SOT-26
UB10J	PNP+PNP	-50	-100	80	–	2.2	46.2	SOT-353
UB10G	PNP+PNP	-50	-100	80	–	2.2	46.2	SOT-25
UB10K	PNP+PNP	-50	-100	80	–	2.2	46.2	SOT-363
UB10H	PNP+PNP	-50	-100	80	–	2.2	46.2	SOT-26
UG5J	NPN+NPN	50	100	68	–	10.0	47.0	SOT-353
UG5G	NPN+NPN	50	100	68	–	10.0	47.0	SOT-25
UG5K	NPN+NPN	50	100	68	–	10.0	47.0	SOT-363
UG5H	NPN+NPN	50	100	68	–	10.0	47.0	SOT-26
UG11J	NPN+NPN	50	100	80	–	2.2	46.2	SOT-353
UG11G	NPN+NPN	50	100	80	–	2.2	46.2	SOT-25

Bipolar Junction Transistor > Complex Digital Transistor

Part No.	Configuration	V_{CC} V_{CEO} (V)Max. (Range)	$I_{O(MAX.)}$ $I_{C(MAX.)}$ (mA) (Range)	GI(hFE) MIN.	GI(hFE) MAX.	R1 (KΩ)Typ. (Range)	R2 (KΩ)Typ. (Range)	Package
UG11K	NPN+NPN	50	100	80	–	2.2	46.2	SOT-363
UG11H	NPN+NPN	50	100	80	–	2.2	46.2	SOT-26
UH9J	NPN+NPN	50	100	80	–	2.2	46.2	SOT-353
UH9G	NPN+NPN	50	100	80	–	2.2	46.2	SOT-25
UH9K	NPN+NPN	50	100	68	–	10.0	47.0	SOT-363
UH9H	NPN+NPN	50	100	68	–	10.0	47.0	SOT-26
UH10J	NPN+NPN	50	100	80	–	2.2	46.2	SOT-353
UH10G	NPN+NPN	50	100	80	–	2.2	46.2	SOT-25
UH10K	NPN+NPN	50	100	80	–	2.2	46.2	SOT-363
UH10H	NPN+NPN	50	100	80	–	2.2	46.2	SOT-26
UD5J	PNP+NPN	-50	-100	30	–	4.7	9.87	SOT-353
		50	100	68	–	47.0	47.0	SOT-353
UD5K	PNP+NPN	-50	-100	30	–	4.7	9.87	SOT-363
		50	100	68	–	47.0	47.0	SOT-363
UD9J	PNP+NPN	-50	-100	68	–	10.0	47.0	SOT-353
		50	100	68	–	10.0	47.0	SOT-353
UD9G	PNP+NPN	-50	-100	68	–	10.0	47.0	SOT-25
		50	100	68	–	10.0	47.0	SOT-25
UD9K	PNP+NPN	-50	-100	68	–	10.0	47.0	SOT-363
		50	100	68	–	10.0	47.0	SOT-363
UD9H	PNP+NPN	-50	-100	68	–	10.0	47.0	SOT-26
		50	100	68	–	10.0	47.0	SOT-26
UA9J	PNP+PNP	-50	-100	30	–	10.0	10.0	SOT-353
UA9G	PNP+PNP	-50	-100	30	–	10.0	10.0	SOT-25
UA9K	PNP+PNP	-50	-100	30	–	10.0	10.0	SOT-363
UA9H	PNP+PNP	-50	-100	30	–	10.0	10.0	SOT-26
UB11J	PNP+PNP	-50	-100	30	–	10.0	10.0	SOT-353
UB11G	PNP+PNP	-50	-100	30	–	10.0	10.0	SOT-25
UB11K	PNP+PNP	-50	-100	30	–	10.0	10.0	SOT-363
UB11H	PNP+PNP	-50	-100	30	–	10.0	10.0	SOT-26
UG9J	NPN+NPN	50	100	30	–	10.0	10.0	SOT-353
UG9G	NPN+NPN	50	100	30	–	10.0	10.0	SOT-25
UG9K	NPN+NPN	50	100	30	–	10.0	10.0	SOT-363
UG9H	NPN+NPN	50	100	30	–	10.0	10.0	SOT-26
UH11J	NPN+NPN	50	100	30	–	10.0	10.0	SOT-353
UH11G	NPN+NPN	50	100	30	–	10.0	10.0	SOT-25
UH11K	NPN+NPN	50	100	30	–	10.0	10.0	SOT-363
UH11H	NPN+NPN	50	100	30	–	10.0	10.0	SOT-26
UD3J	PNP+NPN	-50	-100	30	–	10.0	10.0	SOT-353
		50	100	30	–	10.0	10.0	SOT-353

Part No.	Configuration	V_{CC} V_{CEO} (V)Max. (Range)	$I_{O(MAX.)}$ $I_{C(MAX.)}$ (mA) (Range)	GI(hFE) MIN.	GI(hFE) MAX.	R1 (KΩ)Typ. (Range)	R2 (KΩ)Typ. (Range)	Package
UD3G	PNP+NPN	−50	−100	30	−	10.0	10.0	SOT−25
UG9G		50	100	30	−	10.0	10.0	SOT−25
UD3K	PNP+NPN	−50	−100	30	−	10.0	10.0	SOT−363
		50	100	30	−	10.0	10.0	SOT−363
UD3H	PNP+NPN	−50	−100	30	−	10.0	10.0	SOT−26
		50	100	30	−	10.0	10.0	SOT−26
UA10J	PNP+PNP	−50	−100	33	−	1.0	10.0	SOT−353
UA10G	PNP+PNP	−50	−100	33	−	1.0	10.0	SOT−25
UA10K	PNP+PNP	−50	−100	33	−	1.0	10.0	SOT−363
UA10H	PNP+PNP	−50	−100	33	−	1.0	10.0	SOT−26
UA11J	PNP+PNP	−50	−100	33	−	1.0	10.0	SOT−353
UA11G	PNP+PNP	−50	−100	80	−	4.7	47.0	SOT−25
UA11K	PNP+PNP	−50	−100	80	−	4.7	47.0	SOT−363
UA11H	PNP+PNP	−50	−100	80	−	4.7	47.0	SOT−26
UG8J	NPN+NPN	50	100	80	−	4.7	47.0	SOT−353
UG8G	NPN+NPN	50	100	80	−	4.7	47.0	SOT−25
UG8K	NPN+NPN	50	100	80	−	4.7	47.0	SOT−363
UG8H	NPN+NPN	50	100	80	−	4.7	47.0	SOT−26
UA3J	PNP+PNP	−50	−100	100	600	4.7	None	SOT−353
UA3G	PNP+PNP	−50	−100	100	600	4.7	None	SOT−25
UA3K	PNP+PNP	−50	−100	100	600	4.7	None	SOT−363
UA3H	PNP+PNP	−50	−100	100	600	4.7	None	SOT−26
UB3J	PNP+PNP	−50	−100	100	600	4.7	None	SOT−353
UB3G	PNP+PNP	−50	−100	100	600	4.7	None	SOT−25
UB3K	PNP+PNP	−50	−100	100	600	4.7	None	SOT−363
UB3H	PNP+PNP	−50	−100	100	600	4.7	None	SOT−26
UB7G	PNP+PNP	−50	−100	100	600	4.7	None	SOT−25
UB7H	PNP+PNP	−50	−100	100	600	4.7	None	SOT−26
UA4J	PNP+PNP	−50	−100	100	600	10.0	None	SOT−353
UA4G	PNP+PNP	−50	−100	100	600	10.0	None	SOT−25
UA4K	PNP+PNP	−50	−100	100	600	10.0	None	SOT−363
UA4H	PNP+PNP	−50	−100	100	600	10.0	None	SOT−26
UB4J	PNP+PNP	−50	−100	100	600	10.0	None	SOT−353
UB4G	PNP+PNP	−50	−100	100	600	10.0	None	SOT−25
UB4K	PNP+PNP	−50	−100	100	600	10.0	None	SOT−363
UB4H	PNP+PNP	−50	−100	100	600	10.0	None	SOT−26
UB8	PNP+PNP	−50	−100	100	600	10.0	None	SOT−353
UB8K	PNP+PNP	−50	−100	100	600	10.0	None	SOT−363
UA6J	PNP+PNP	−50	−100	100	600	47.0	None	SOT−353
UA6K	PNP+PNP	−50	−100	100	600	47.0	None	SOT−363
UG3J	NPN+NPN	50	100	100	600	4.7	None	SOT−353

Part No.	Configuration	V_{CC} V_{CEO} (V)Max. (Range)	$I_{O(MAX.)}$ $I_{C(MAX.)}$ (mA) (Range)	GI(hFE) MIN.	GI(hFE) MAX.	R1 (KΩ)Typ. (Range)	R2 (KΩ)Typ. (Range)	Package
UG3G	NPN+NPN	50	100	100	600	4.7	None	SOT−25
UG3K	NPN+NPN	50	100	100	600	4.7	None	SOT−363
UG3H	NPN+NPN	50	100	100	600	4.7	None	SOT−26
UG4J	NPN+NPN	50	100	100	600	10.0	None	SOT−353
UG4G	NPN+NPN	50	100	100	600	10.0	None	SOT−25
UG4K	NPN+NPN	50	100	100	600	10.0	None	SOT−363
UG4H	NPN+NPN	50	100	100	600	10.0	None	SOT−26
UG6J	NPN+NPN	50	100	100	600	47.0	None	SOT−353
UG6G	NPN+NPN	50	100	100	600	47.0	None	SOT−25
UG6K	NPN+NPN	50	100	100	600	47.0	None	SOT−363
UG6H	NPN+NPN	50	100	100	600	47.0	None	SOT−26
UH3J	NPN+NPN	50	100	100	600	4.7	None	SOT−353
UH3G	NPN+NPN	50	100	100	600	4.7	None	SOT−25
UH3K	NPN+NPN	50	100	100	600	4.7	None	SOT−363
UH3H	NPN+NPN	50	100	100	600	4.7	None	SOT−26
UH4J	NPN+NPN	50	100	100	600	10.0	None	SOT−353
UH4G	NPN+NPN	50	100	100	600	10.0	None	SOT−25
UH4K	NPN+NPN	50	100	100	600	10.0	None	SOT−363
UH4H	NPN+NPN	50	100	100	600	10.0	None	SOT−26
UH15G	NPN+NPN	50	100	100	600	47.0	None	SOT−25
UH15H	NPN+NPN	50	100	100	600	47.0	None	SOT−26
UH7J	NPN+NPN	50	100	100	600	4.7	None	SOT−353
UH7K	NPN+NPN	50	100	100	600	4.7	None	SOT−363
UH8J	NPN+NPN	50	100	100	600	10.0	None	SOT−353
UH8G	NPN+NPN	50	100	100	600	10.0	None	SOT−25
UH8K	NPN+NPN	50	100	100	600	10.0	None	SOT−363
UH8H	NPN+NPN	50	100	100	600	10.0	None	SOT−26
UH14J	NPN+NPN	50	100	100	600	47.0	None	SOT−353
UH14G	NPN+NPN	50	100	100	600	47.0	None	SOT−25
UH14K	NPN+NPN	50	100	100	600	47.0	None	SOT−363
UH14H	NPN+NPN	50	100	100	600	47.0	None	SOT−26
UD1G	PNP+NPN	−50	−100	100	600	22.0	None	SOT−25
		50	100	100	600	22.0	None	SOT−25
UD1H	PNP+NPN	−50	−100	100	600	22.0	None	SOT−26
		50	100	100	600	22.0	None	SOT−26
UD6J	PNP+NPN	−50	−100	100	600	4.7	None	SOT−353
		50	100	100	600	4.7	None	SOT−353
UD6G	PNP+NPN	−50	−100	100	600	4.7	None	SOT−25
		50	100	100	600	4.7	None	SOT−25
UD6K	PNP+NPN	−50	−100	100	600	4.7	None	SOT−363
		50	100	100	600	4.7	None	SOT−363

Bipolar Junction Transistor > Complex Digital Transistor

Part No.	Configuration	V_{CC} V_{CEO} (V)Max. (Range)	$I_{O(MAX.)}$ $I_{C(MAX.)}$ (mA) (Range)	GI(hFE) MIN.	GI(hFE) MAX.	R1 (KΩ)Typ. (Range)	R2 (KΩ)Typ. (Range)	Package
UD6H	PNP+NPN	−50	−100	100	600	4.7	None	SOT−26
		50	100	100	600	4.7	None	SOT−26
UD8G	PNP+NPN	−50	−100	100	600	47.0	None	SOT−25
		50	100	100	600	47.0	None	SOT−25
UD8H	PNP+NPN	−50	−100	100	600	47.0	None	SOT−26
		50	100	100	600	47.0	None	SOT−26
UD16G	PNP+NPN	−50	−500	39	–	2.2	2.2	SOT−25
		50	100	100	600	100.0	None	SOT−25
UD16H	PNP+NPN	−50	−500	39	–	2.2	2.2	SOT−26
		50	100	100	600	100.0	None	SOT−26
UD22J	PNP+NPN	−50	−100	80	–	4.7	47.0	SOT−353
		50	100	80	–	4.7	47.0	SOT−353
UD22K	PNP+NPN	−50	−100	80	–	4.7	47.0	SOT−363
		50	100	80	–	4.7	47.0	SOT−363
DBC2314	PNP+NPN	−50	−500	56	–	2.2	9.9	SOT−353
		50	100	100	600	100.0	None	SOT−353
DBC2315	PNP+NPN	−50	−500	56	–	2.2	9.9	SOT−26
		50	100	100	600	100.0	None	SOT−26

Bipolar Junction Transistor > Complex Bipolar Transistor

Part No.	Configuration	BVCBO•BVCES #BVCEV(V)Max. (Range)	BVCEO•BVCES (V)Max. (Range)	IC(mA) Max. (Range)	P_D T_A=25℃ (W)	hFEMIN. (Range)	hFEMAX. (Range)	Package
IMZ88	NPN+PNP	30	20	700	0.3	120	400	SOT−26
		−30	−20	−700	0.3	120	400	SOT−26
IMZ2A	NPN+PNP	60	50	150	0.3	120	560	SOT−26
		−60	−50	−150	0.3	120	560	SOT−26
IMX2	NPN × 2	60	50	150	0.3	120	560	SOT−26
IMT2A	PNP × 2	−60	−50	−150	0.3	120	560	SOT−26
MMDT8050S	NPN × 2	30	20	700	0.2	120	400	SOT−363
MMDT8150	NPN × 2	40	32	800	0.2	180	560	SOT−363
BC847BS	NPN × 2	• 50	45	100	0.2	200	450	SOT−363
PUMX1	NPN × 2	50	40	100	0.2	120	–	SOT−363
MMDT3904	NPN × 2	60	40	200	0.2	100	300	SOT−363
MMDT2222A	NPN × 2	75	40	600	0.2	100	300	SOT−363
BC846AS	NPN × 2	80	65	100	0.325	110	220	SOT−363
MMDT5551	NPN × 2	180	160	600	0.2	80	400	SOT−363
MMDT3906	PNP × 2	−40	−40	−200	0.2	100	300	SOT−363
PUMT1	PNP × 2	−50	−40	−100	0.2	120	–	SOT−363

Bipolar Junction Transistor > Complex Bipolar Transistor

Part No.	Configuration	BVCBO•BVCES #BVCEV(V)Max. (Range)	BVCEO•BVCES (V)Max. (Range)	IC(mA) Max. (Range)	P_D T_A=25℃ (W)	hFEMIN. (Range)	hFEMAX. (Range)	Package
BC857BS	PNP × 2	−50	−45	−100	0.2	200	450	SOT−363
UMT1N	PNP × 2	−60	−50	150	0.15	120	560	SOT−363
MMDT2907A	PNP × 2	−60	−60	−600	0.3	50	–	SOT−363
BC856AS	PNP × 2	−80	−65	−100	0.2	125	250	SOT−363
MMDT5401	PNP × 2	−160	−150	−600	0.2	80	400	SOT−363
MMDT3946	NPN+PNP	60	40	200	0.2	100	300	SOT−363
		−40	−40	−200	0.2	100	300	SOT−363
MMDT2227	NPN+PNP	75	40	600	0.2	100	300	SOT−363
		−60	−60	−600	0.2	100	300	SOT−363
IMZ2A	NPN+PNP	60	50	150	0.2	120	560	SOT−363
		−60	−50	−150	0.2	120	560	SOT−363
UT3PP	PNP+PNP+Resistor	−50	−50	−100	0.125	100	–	SOT−363
								SOT−363
PUMZ1	NPN+PNP	50	40	100	0.2	120	–	SOT−363
		−50	−40	−100	0.2			SOT−363
BC847PN	NPN+PNP	50	45	100	0.2	200	450	SOT−363
		−50	−45	−100	0.2	200	450	SOT−363
BC846PN	NPN+PNP	80	65	100	0.225	200	450	SOT−363
		−80	−65	−100	0.225	200	450	SOT−363
UMZ1N	NPN+PNP	60	50	150	0.15	120	560	SOT−363
		−60	−50	−150	0.15	120	560	SOT−363
NP1510	NPN+PNP	60	50	150	0.1	120	400	SOT−563
		−50	−50	−150	0.1	120	400	SOT−563
UMY1N	PNP+NPN	−60	−50	−150	0.15	120	560	SOT−353
		60	50	150	0.15	120	560	SOT−353
BD2378	PNP+NPN	100	80	2000	1.25	40	–	PDFN5 × 6
		−100	−80	−2000	1.25	40	–	PDFN5 × 6
UNP5353	PNP+NPN	100	100	3000	1	80	–	PDFN5 × 6
		−100	−100	−3000	1	80	–	PDFN5 × 6

Bipolar Junction Transistor > Darlington Transistor

Part No.	Configuration	BV_{CEO} (V)Max. (Range)	BV_{CBO} (V)Max. (Range)	I_C(A) Max. (Range)	Hfe MIN. (Range)	Hfe MAX. (Range)	VCE(Sat) (V)MAX.	fT•Typical (Mhz)	Package
MMBTA13	NPN	30	30	0.5	10000	–	1.5	125	SOT-23
MMBTA14	NPN	30	30	0.5	20000	–	1.5	125	SOT-323 SOT-23
MPSA13	NPN	30	30	0.5	10000	–	1.5	125	SOT-89 TO-92
MPSA14	NPN	30	30	0.5	20000	–	1.5	125	SOT-89 TO-92
MPSA113	NPN	30	30	0.5	30000	–	1.5	125	SOT-89 TO-92
PZTA14	NPN	30	30	0.5	20000	–	1.5	125	SOT-223
MMBTA63	PNP	30	30	1.2	10000	–	1.5	125	SOT-23
MMBTA64	PNP	30	30	1.2	20000	–	1.5	125	SOT-23
TIP110A	PNP	-35	-45	-10	1000	60000	-2	–	TO-220
2SD2686	NPN	60	50	1	2000	–	1.5	–	SOT-89
BCV47	NPN	60	80	0.5	10000		1		SOT-23 SOT-223
2SD2170	NPN	90	90	2	1000	10000	1.5	80	SOT-89
MPSA29	NPN	100	100	0.5	10000	–	1.5	125	TO-92
TIP112	NPN	100	100	2	1000	–	2.5	–	TO-126 TO-126S TO-252 TO-220 TO-220F
TIP122	NPN	100	100	5	1000	–	2	–	TO-126 TO-252 TO-220 TO-220F TO-220HJ
TIP122-Q	NPN	100	100	5	1000		2		TO-220 TO-126 TO-252
MMBTA29	NPN	100	100	0.5	10000	–	1.2	–	SOT-23
TIP127	PNP	-100	-100	-5	1000	–	-2	–	TO-126 TO-126S TO-252 TO-220 TO-220F TO-252D
TIP127-Q	PNP	-100	-100	-5	1000	–	-2	–	TO-126 TO-126S TO-252 TO-252D TO-220 TO-220F
TIP102	NPN	100	100	8	1000	20000	2	–	TO-252 TO-220
TIP107	PNP	-100	-100	-8	1000	20000	-2	–	TO-126 TO-126S TO-252 TO-220 TO-220F TO-263
UD2195	NPN	150	150	4	1000	–	2	–	SOT-89 SOT-223
UDT1605	NPN	120	140	1	2000	100000	1.5	150	SOT-89
UDT1605	NPN	120	140	1.5	2000	100000	1.5	150	SOT-223
UB1580	PNP	150	150	4	1000		2		SOT-89
BTC1510F3	NPN	150	150	10	2000	20000	1.5	–	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1
2SD1071	NPN	300	300	6	500	–	1.5	–	TO-220
BU931Z	NPN	350	–	10	300	–	1.6	–	TO-220 TO-3P
BU941Z	NPN	350	350	15	300	2500	1.6	–	TO-263 TO-220 TO-3P TO-3PB
BU931	NPN	400	–	15	300	–	1.6	–	TO-263 TO-3P
BU941	NPN	400	–	15	300		1.6	–	TO-263 TO-220 TO-3P TO-3PB

Bipolar Junction Transistor > Digital Transistor

Part No.	Configu-ration	V_{CC} V_{CEO} (V)Max. (Range)	I_O(MAX.) I_C(MAX.) (mA) (Range)	GI(hFE) MIN. (Range)	GI(hFE) MAX. (Range)	R1 (KΩ) Typ.	R2 (KΩ) Typ.	Package
DTA123E	PNP	50	100	20	–	2.2	2.2	SOT-23 SOT-323 SOT-523 TO-92
DTC123E	NPN	50	100	20	–	2.2	2.2	SOT-23 SOT-323 SOT-523 TO-92
DTA143E	PNP	50	100	20	–	4.7	4.7	SOT-23 SOT-323 SOT-523 SOT-723 TO-92
DTC143E	NPN	50	100	20	–	4.7	4.7	SOT-23 SOT-323 SOT-723 TO-92
DTA114E	PNP	50	100	30	–	10	10	TO-92 TO-92SP SOT-23 SOT-323 SOT-523 SOT-723
DTC114E	NPN	50	100	30	–	10	10	TO-92 TO-92SP SOT-23 SOT-323 SOT-523 SOT-723
DTA124E	PNP	50	100	56	–	22	22	SOT-23 SOT-323 SOT-523 TO-92
DTC124E	NPN	50	100	56	–	22	22	SOT-23 SOT-323 SOT-523 TO-92
DTA144E	PNP	50	100	68	–	47	47	SOT-23 SOT-323 SOT-523 SOT-723
DTC144E	NPN	50	100	68	–	47	47	SOT-23 SOT-323 SOT-523 TO-92 TO-92SP
DTA115E	PNP	50	100	82	–	100	100	SOT-23 SOT-323
DTC115E	NPN	50	100	82	–	100	100	SOT-23 SOT-323 SOT-523
DTB123E	PNP	50	500	39	–	2.2	2.2	SOT-23
DTD123E	NPN	50	500	39	–	2.2	2.2	SOT-23
DTB143E	PNP	50	500	47	–	4.7	4.7	TO-92 SOT-23 SOT-323 SOT-723
DTD143E	NPN	50	500	47	–	4.7	4.7	TO-92 SOT-23 SOT-323
DTB114E	PNP	50	500	56	–	10	10	SOT-23 SOT-323
DTD114E	NPN	50	500	56	–	10	10	SOT-23 SOT-323
DTA123Y	PNP	50	100	33	–	2.2	10	SOT-23
DTC123Y	NPN	50	100	33	–	2.2	10	SOT-23 SOT-323
DTA123J	PNP	50	100	80	–	2.2	46.2	TO-92 TO-92SP SOT-23 SOT-323 SOT-523
DTC123J	NPN	50	100	80	–	2.2	46.2	TO-92 TO-92SP SOT-23 SOT-323 SOT-523 SOT-723
DTA143X	PNP	50	100	30	–	4.7	9.87	TO-92 TO-92SP SOT-23 SOT-323 SOT-523 SOT-723
DTC143X	NPN	50	100	30	–	4.7	9.87	TO-92 TO-92SP SOT-23 SOT-323 SOT-523 SOT-723
DTA143Z	PNP	50	100	80	–	4.7	47	SOT-23 SOT-323 SOT-523 SOT-723 TO-92 TO-92SP
DTC143Z	NPN	50	100	80	–	4.7	47	SOT-23 SOT-323 SOT-523 SOT-723 TO-92 TO-92SP
DTA114W	PNP	50	100	24	–	10	4.7	SOT-523
DTC114W	NPN	50	100	24	–	10	4.7	SOT-523
DTA114Y	PNP	50	100	68	–	10	47	SOT-23 SOT-323 SOT-523 TO-92 TO-92SP SOT-723
DTC114Y	NPN	50	100	68	–	10	47	SOT-23 SOT-323 SOT-523 TO-92 TO-92SP SOT-723
DTA144V	PNP	50	100	33	–	47	10	SOT-23 SOT-323
DTC144V	NPN	50	100	33	–	47	10	SOT-23 SOT-323

Bipolar Junction Transistor > Digital Transistor

Part No.	Configu-ration	V_{CC} V_{CEO} (V)Max. (Range)	I_O(MAX.) I_C(MAX.) (mA) (Range)	GI(hFE) MIN. (Range)	GI(hFE) MAX. (Range)	R1 (KΩ) Typ.	R2 (KΩ) Typ.	Package
DTB113Z	PNP	50	500	56/82	–	1	10	SOT-23
DTD113Z	NPN	50	500	56/82	–	1	10	SOT-23 SOT-323 SOT-523 TO-92
DTB123Y	PNP	50	500	56	–	2.2	9.9	TO-92 SOT-23 SOT-323 TO-92SP
DTD123Y	NPN	50	500	56	–	2.2	9.9	TO-92 SOT-23 SOT-323
DTA143T	PNP	50	100	100	600	4.7	None	SOT-23 SOT-323 SOT-523
DTC143T	NPN	50	100	100	600	4.7	None	SOT-23 SOT-323 SOT-523 TO-92SP
DTA114T	PNP	50	100	100	600	10	None	SOT-23 SOT-323 SOT-523 TO-92 TO-92SP SOT-723
DTC114T	NPN	50	100	100	600	10	None	SOT-23 SOT-323 SOT-523 SOT-723
DTA124T	PNP	50	100	100	600	22	None	SOT-23
DTC124T	NPN	50	100	100	600	22	None	SOT-23 SOT-323
DTA144T	PNP	50	100	100	600	47	None	SOT-23 SOT-323 SOT-523
DTC144T	NPN	50	100	100	600	47	None	SOT-23 SOT-323 SOT-523
DTA115T	PNP	50	100	100	600	100	None	SOT-23
DTC115T	NPN	50	100	100	600	100	None	SOT-23
DTA113T	PNP	50	200	100	–	1	None	SOT-23
DTC113T	NPN	50	200	100	–	1	None	SOT-23 SOT-323 SOT-523
DTA114G	PNP	50	100	30	–	None	10	SOT-23
DTC114G	NPN	50	100	30	–	None	10	SOT-23

Bipolar Junction Transistor > RF Transistor

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	ft (GHz)_MIN (Range)	ft (GHz)_TYP (Range)	ft(GHz) test_VCE (Range)	Package
UPA806	NPN	6	9	0.03	75	150	–	12	3	SOT-363
2SC4774	NPN	6	12	0.05	270	560	0.3	0.8	5	SOT-323
2SC3583	NPN	10	20	0.065	50	250	–	9	8	SOT-23 SOT-363
BFG198	NPN	10	20	0.1	40	–	–	8	8	SOT-223
2SC3838	NPN	11	20	0.05	56	400	1.4	3.2	10	SOT-323 SOT-23
2SC2734	NPN	11	20	0.05	20	200	–	3.5	10	SOT-23
BFR93A	NPN	12	15	0.035	40	–	4.5	6	5	SOT-23
2SC3355	NPN	12	20	0.1	50	300	–	7	10	TO-92 SOT-89 SOT-323
2SC3356	NPN	12	20	0.1	50	300	–	7	10	SOT-23-3 SOT-23 SOT-89
2SC4226	NPN	12	20	0.1	40	250	–	4.5	3	SOT-323
2SC3357	NPN	12	20	0.1	50	300	–	6.5	10	SOT-89
2SA1977	PNP	12	20	0.05	20	100	–	–	–	SOT-23 SOT-323
2SC3358	NPN	12	20	0.1	50	300	–	7	10	TO-50
2SC5006	NPN	12	20	0.1	80	160	–	4.5	3	SOT-523
UFU520Y	NPN	12	24	0.03	60	200	–	10	8	SOT-363
UFU520	NPN	12	24	0.03	60	200	–	10	8	SOT-363
UFS540	NPN	14	20	0.12	60	250	–	9	8	SOT-323 SOT-23
MMBTH10	NPN	25	30	0.05	60	–	650	–	10	SOT-723 SOT-523 SOT-323 SOT-23
MPSH10	NPN	25	30	0.05	60	–	650	–	10	TO-92
2SC5508	NPN	33	15	0.035	50	100	–	25	3	SOT-363

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
2SC5508	NPN	3.3	15	0.035	50	100	–	SOT-363
UPA806	NPN	6	9	0.03	75	150	–	SOT-363
2SC4774	NPN	6	12	0.05	270	560	0.3	SOT-323
2SC3583	NPN	10	20	0.065	50	250	–	SOT-23 SOT-363
BFG198	NPN	10	20	0.1	40	–	–	SOT-223
2SA1300	PNP	-10	-20	-2	140	600	-0.5	SOT-89 TO-92
2SD879	NPN	10	30	3	140	400	0.4	SOT-89 TO-92
2SD2470	NPN	10	15	5	270	820	0.5	SOT-89 TO-92SP TO-220
2SC5765	NPN	10	15	5	450	700	0.27	TO-92SP
2SC5889	NPN	10	15	5	–	–	0.35	TO-92SP
2SC3838	NPN	11	20	0.05	56	400	0.5	SOT-23 SOT-323
BFR93A	NPN	12	15	0.035	40	–	–	SOT-23
2SA1977	PNP	-12	-20	-0.05	20	210	-0.2	SOT-23
2SC3355	NPN	12	20	0.1	50	300	–	SOT-89 SOT-323 TO-92
2SC3356	NPN	12	20	0.1	50	300	–	SOT-23 SOT-23-3 SOT-89
2SC3357	NPN	12	20	0.1	50	300	–	SOT-89
2SC4226	NPN	12	20	0.1	40	250	–	SOT-323
2SC5006	NPN	12	20	0.1	80	160	–	SOT-523 SOT-323
UP1868	PNP	-12	-15	-6	300	1000	-0.1	SOT-89 SOT-223
9018	NPN	15	30	0.05	28	198	0.5	TO-92
MMBT9018	NPN	15	30	0.05	28	198	0.5	SOT-23 SOT-523
UN1066	NPN	15	20	6	250	–	0.18	SOT-89 TO-252
USSP0220	PNP	-20	-20	-2	215	–	-0.17	SOT-23
USSP4320	PNP	-20	-20	-3	230	–	-0.19	SOT-23
USSP4520	PNP	-20	-20	-5	300	–	-0.15	SOT-23
USSP5520	PNP	-20	-20	-5	200	–	-0.25	SOT-23
USSP5820	PNP	-20	-20	-8	200	–	-0.2	SOT-23
9012	PNP	-20	-40	-0.5	64	300	-0.6	TO-92
MMBT9012	PNP	-30	-40	-0.5	64	300	-0.6	SOT-23
9013	NPN	20	40	0.5	64	300	0.6	TO-92
MMBT9013	NPN	20	40	0.5	64	300	0.6	SOT-23
8050S	NPN	20	30	0.7	120	400	0.5	SOT-23 TO-92
S8050	NPN	20	30	0.7	120	400	0.5	TO-92
8550S	PNP	-20	-30	-0.7	120	400	-0.5	SOT-23 TO-92
S8550	PNP	-20	-30	-0.7	120	400	-0.5	TO-92
2SD468	NPN	20	25	1	85	240	0.5	TO-92 TO-92NL
2SB562	PNP	-20	-25	-1	85	240	-0.5	TO-92 TO-92NL
BCP68	NPN	20	32	1	85	375	0.5	SOT-223
BCP69	PNP	-20	-32	-1	100	375	-0.5	SOT-223
M28S	NPN	20	40	1.25	300	1000	0.55	SOT-23 TO-92
UP2518	PNP	-20	-20	-1.5	300	450	-0.04	SOT-23

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
UN1518	NPN	20	20	2.5	300	450	0.15	SOT-23
2SB1424	PNP	-20	-20	-3	120	390	-0.5	SOT-89
2SB1386	PNP	-20	-30	-5	82	390	-1	SOT-89
2SB1412	PNP	-20	-30	-5	82	390	-1	TO-252
2SD965	NPN	20	40	5	230	800	1	SOT-89 TO-92 TO-252
D965SS	NPN	20	40	5	230	800	1	SOT-23
MMBTH10	NPN	25	30	0.05	60	–	0.5	SOT-23 SOT-323 SOT-523 SOT-723
MPSH10	NPN	25	30	0.05	60	–	0.5	TO-92
2N5089	NPN	25	30	0.1	400	1200	0.5	TO-92
MMBT5089	NPN	25	30	0.1	400	1200	0.5	SOT-23
BC338	NPN	25	30	0.8	100	630	0.7	TO-92
BC328	PNP	-25	-30	-0.8	100	630	-0.7	TO-92
BC808	PNP	-25	–	-0.8	100	630	-0.7	SOT-23 SOT-323
2SB798	PNP	-25	-30	-1	90	400	-0.4	SOT-89
2SD1581	NPN	25	30	2	800	3200	0.3	TO-126
HE8050	NPN	25	40	1.5	85	500	0.5	SOT-23 SOT-89 TO-92 TO-92NL
HE8051	NPN	25	40	1.5	85	500	0.5	TO-92
HE8550	PNP	-25	-40	-1.5	85	500	-0.5	SOT-23 SOT-89 TO-92 TO-92NL
HE8551	PNP	-25	-40	-1.5	85	500	-0.5	TO-92 TO-92NL
X1049A	NPN	25	80	4	300	1200	0.13	TO-92 TO-220F TO-220F2
MJD210	PNP	-25	-40	-5	45	180	-0.3	TO-251 TO-252
2N5088	NPN	30	35	0.1	300	900	0.5	TO-92
BC548	NPN	30	30	0.1	110	800	0.25	TO-92
BC848	NPN	30	30	0.1	110	800	0.25	SOT-23 SOT-323 SOT-523
BC849	NPN	30	30	0.1	110	800	0.25	SOT-23 SOT-323 SOT-523
MMBT5088	NPN	30	35	0.1	300	900	0.5	SOT-23
BC558	PNP	-30	-30	-0.1	110	800	-0.3	TO-92
BC858	PNP	-30	-30	-0.1	110	800	-0.3	SOT-23 SOT-323
2SC2328A	NPN	30	30	2	100	320	2	TO-92 TO-92NL
2SA928A	PNP	-30	-30	-2	100	320	-2	SOT-89 TO-92 TO-92NL
2SD882	NPN	30	40	3	100	400	0.5	TO-92NL TO-126 TO-126C TO-251 TO-252
2SD882S	NPN	30	40	3	100	400	0.5	SOT-89 SOT-223 TO-92
D882SS	NPN	30	40	3	100	400	0.5	SOT-23
2SB1188	PNP	-30	-40	-3	100	400	-0.5	SOT-89
2SB772	PNP	-30	-40	-3	100	400	-0.5	TO-92NL TO-126 TO-126C TO-251 TO-252
2SB772S	PNP	-30	-40	-3	100	400	-0.5	SOT-89 SOT-223 TO-92
B772SS	PNP	-30	-40	-3	100	400	-0.5	SOT-23
SB2202	PNP	-30	-40	-3	100	400	-0.5	TO-251 TO-252
2SD965A	NPN	30	40	5	230	800	1	SOT-89 TO-92 TO-252
2SD965B	NPN	30	40	5	230	800	1	TO-92
D965ASS	NPN	30	40	5	230	800	1	SOT-23

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
STD888	PNP	−30	−60	−5	150	300	−0.15	TO−252
D45H2	PNP	−30	–	−10	100	–	−1	TO−220
D65H2	PNP	−30	–	−15	100	–	0.6	TO−220
2SD1664	NPN	32	40	1	82	390	0.4	SOT−23 SOT−89 TO−252
2SB1132	PNP	−32	−40	−1	82	390	−0.5	SOT−23 SOT−89 SOT−323 TO−252
2SB1182	PNP	−32	−40	−2	120	390	−0.8	SOT−89 TO−252
BD435	NPN	32	32	4	85	–	0.5	TO−126
2N3904	NPN	40	60	0.2	100	300	0.3	SOT−89 TO−92
MMBT3904	NPN	40	60	0.2	100	300	0.3	SOT−23 SOT−323 SOT−523 SOT−723
2N3906	PNP	−40	−40	−0.2	100	300	−0.4	SOT−89 TO−92
MMBT3906	PNP	−40	−40	−0.2	100	300	−0.4	SOT−23 SOT−323 SOT−523
2N4401	NPN	40	60	0.6	100	300	0.4	TO−92
MMBT4401	NPN	40	60	0.6	100	300	0.4	SOT−23 SOT−323
MMBT2222A	NPN	40	75	0.6	100	300	0.3	SOT−23 SOT−323 SOT−523 SOT−723 DFN1006−3
PN2222A	NPN	40	75	0.6	100	300	0.3	SOT−89 TO−92
PZT2222A	NPN	40	75	0.6	100	300	0.3	SOT−223
2N4403	PNP	−40	−40	−0.6	100	300	−0.4	TO−92
2N4403−Q	PNP	−40	−40	−0.6	100	300	−0.75	TO−92
MMBT4403	PNP	−40	−40	−0.6	100	300	−0.4	SOT−23 SOT−323
MMBT4403−Q	PNP	−40	−40	−0.6	100	300	−0.75	SOT−23 SOT−323
USSP0140	PNP	−40	−40	−1	300	800	−0.17	SOT−23
USSP4240	PNP	−40	−40	−2	230	–	−0.1	SOT−23
USSP5340	PNP	−40	−40	−3	250	–	−0.125	SOT−23
9015	PNP	−45	−50	−0.1	60	600	−0.7	TO−92
9014	NPN	45	50	0.1	60	1000	0.3	TO−92
BC547	NPN	45	50	0.1	110	800	0.25	TO−92
BC847	NPN	45	50	0.1	110	800	0.25	SOT−23 SOT−323 SOT−523
BC850	NPN	45	50	0.1	110	800	0.25	SOT−23 SOT−323 SOT−523
MMBT9014	NPN	45	50	0.1	60	1000	0.3	SOT−23
BC557	PNP	−45	−50	−0.1	110	800	−0.3	TO−92
BC857	PNP	−45	−50	−0.1	110	800	−0.3	SOT−23 SOT−323
MMBT9015	PNP	−45	−50	−0.1	60	600	−0.7	SOT−23
BCX70	NPN	45	45	0.2	380	630	0.35	SOT−23
2SC815	NPN	45	60	0.2	120	400	0.4	TO−92
TC200	NPN	45	60	0.5	70	240	0.25	TO−92
BC337	NPN	45	50	0.8	100	630	0.7	TO−92
BC327	PNP	−45	−50	−0.8	100	630	−0.7	TO−92
BC807	PNP	−45	−50	−0.8	100	630	−0.7	SOT−23 SOT−323
BC817	NPN	45	50	1.5	100	600	0.7	SOT−23 SOT−323
BD135	NPN	45	45	1.5	40	250	0.5	SOT−223
BD136	PNP	−45	−45	−1.5	40	250	−0.5	SOT−223 TO−126 TO−126C TO−251

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
2SC1623	NPN	50	60	0.1	90	600	0.3	SOT−23 SOT−323
2SC1815	NPN	50	60	0.15	70	700	0.25	TO−92
2SC2712	NPN	50	60	0.15	70	700	0.25	SOT−23 SOT−323 TO−92
2SC4617	NPN	50	60	0.15	120	560	0.4	SOT−23 SOT−89 SOT−323 SOT−523 SOT−723
2SC945	NPN	50	60	0.15	90	600	0.3	TO−92
KSC945	NPN	50	60	0.15	40	700	0.3	TO−92
MMBT1815	NPN	50	60	0.15	120	700	0.25	SOT−23 SOT−113 SOT−323 SOT−523 SOT−723
MMBT945	NPN	50	60	0.15	90	600	0.3	SOT−23 SOT−323
2SA1015	PNP	−50	−50	−0.15	120	700	−0.3	TO−92
2SA1774	PNP	−50	−60	−0.15	120	560	−0.5	SOT−23 SOT−323 SOT−523 SOT−723
2SA733	PNP	−50	−60	−0.15	90	600	−0.3	SOT−23 SOT−323 TO−92 TO−92SP
MMBT1015	PNP	−50	−50	−0.15	120	700	−0.3	SOT−23 SOT−113 SOT−323 SOT−523 SOT−723
2SC1384	NPN	50	60	1	85	340	0.4	SOT−89 TO−92 TO−92NL
2SD1616	NPN	50	60	1	135	600	0.3	SOT−89 SIP−3 SOT−223 TO−92 TO−92SP
MMBT1616	NPN	50	60	1	135	600	0.3	SOT−23
2SB1116	PNP	−50	−60	−1	135	600	−0.3	SOT−89 TO−92
2SA684	PNP	−50	−60	−1	85	340	−0.4	SOT−89 TO−92NL SOT−23
2SB766A	PNP	−50	−60	−1	85	340	−0.4	SOT−89
MMBT1116	PNP	−50	−60	−1	135	600	–	SOT−23
2SC2655	NPN	50	50	2	70	240	0.5	SOT−23 SOT−89 TO−92NL TO−252 TO−92
2SA1020	PNP	−50	−50	−2	70	240	−0.5	SOT−23 SOT−89 TO−92 TO−92NL
2SA1797	PNP	−50	−50	−2	120	400	−0.35	SOT−89 SOT−223 TO−92NL TO−252
2SB776	PNP	−50	−50	−3	100	400	−0.5	TO−126 TO−252
USS5350	PNP	−50	−50	−3	200	450	−0.18	SOT−23 SOT−89 SOT−223
2SC4672	NPN	50	60	3	120	400	0.35	SOT−89
2SB1202	PNP	−50	−60	−3	100	560	−0.7	SOT−89 TO−126C TO−251 TO−252 TO−92
2SD1624	NPN	50	60	3	100	560	0.5	SOT−89
USS4350	NPN	50	60	3	200	–	0.17	SOT−23 SOT−89 SOT−223
USS4450	NPN	50	60	3	200	–	0.17	TO−252
2SD1060	NPN	50	60	5	70	360	0.4	SOT−89 TO−92 TO−126 TO−251 TO−252 TO−220 TO−220F TO−220F1 TO−220F2
2SD1803	NPN	50	60	5	70	400	0.4	PDFN5 × 6 TO−251 TO−252
2SB824	PNP	−50	−60	−5	70	360	−0.4	SOT−89 TO−126 TO−251 TO−252
2SA1012	PNP	−50	−60	−5	70	360	−0.4	TO−251 TO−252 TO−220 TO−220F
2SC5569	NPN	50	80	7	200	560	0.17	SOT−89
2SA2016	PNP	−50	−50	−7	200	560	−0.4	SOT−89 TO−252
2SD1804	NPN	50	60	8	70	400	0.4	TO−251 TO−252 TO−220
MMBTA05	NPN	60	60	0.5	100	–	0.25	SOT−323
MPSA05	NPN	60	60	0.5	100	–	0.25	TO−92
MMBTA55	PNP	−60	−60	−0.5	100	–	−0.25	SOT−323 SOT−23
MPSA55	PNP	−60	−60	−0.5	100	–	−0.25	TO−92

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
MMBT2907A	PNP	−60	−60	−0.6	100	300	−0.4	SOT−323 SOT−23
PN2907A	PNP	−60	−60	−0.6	100	300	−0.4	SOT−89 TO−92
PZT2907A	PNP	−60	−60	−0.6	100	300	−0.4	SOT−223
KTD863	NPN	60	60	1	60	320	0.5	TO−92NL
2SB1116A	PNP	−60	−80	−1	135	400	−0.3	SOT−89 TO−92
MMBT1116A	PNP	−60	−80	−1	135	400	–	SOT−23
MMBT1616A	NPN	60	120	1	135	600	0.3	SOT−23
2SD1616A	NPN	60	120	1	135	600	0.3	SOT−89 SIP−3 SOT−223 TO−92 TO−92SP
BD137	NPN	60	60	1.5	40	160	0.5	SOT−223 TO−126
BD138	PNP	−60	−60	−1.5	40	250	−0.5	SOT−223 TO−251 TO−126 TO−126C
2SD2136	NPN	60	60	3	40	250	1.2	SOT−223 TO−126 TO−126C TO−126S TO−252
2SD313	NPN	60	60	3	40	320	1	TO−220 TO−220F TO−263 TO−252
2SD880	NPN	60	60	3	100	200	1	SOT−89 TO−220TO−252
2SB834	PNP	−60	−60	−3	60	300	−1	SOT−89 TO−126 TO−126S TO−252 TO−220 TO−220F
USS5360X	PNP	−60	−80	−3	120		−0.2	SOT−89
USS4360X	NPN	60	60	3	200		0.15	SOT−89
USS304NX	NPN	60	60	4.7	300		0.07	SOT−89
PZT651	NPN	60	80	4	75		0.5	SOT−223 TO−92
PZT751	PNP	−60	−80	−4	75		−0.5	SOT−223 TO−92
UTP2012Z	PNP	−55	−100	−4.3	100	300	−0.11	SOT−89
UTP2012ZAQ	PNP	−55	−100	−4.3	150	250	−0.105	SOT−89
2SD1691	NPN	60	60	5	160	400	0.3	TO−126 TO−126C TO−251 TO−252 TO−220 TO−220F1 SOT−223
2SB1151	PNP	−60	−60	−5	160	400	−0.3	TO−220 SOT−223 TO−126 TO−252
UP1851	PNP	−60	−100	−5	100	300	−0.05	SOT−223
UTN2010Z	NPN	55	150	5	100	300	0.125	SOT−89
UTN2010ZAQ	NPN	55	150	5	200	320	0.115	SOT−89
USS305NX	NPN	60	150	5	100	300	0.23	SOT−89
MJE3055T	NPN	60	70	10	20	100	1.1	TO−251 TO−252 TO−220
MJE2955T	PNP	−60	−70	−10	20	100	−1.1	TO−252 TO−220 TO−220F1 TO−251
2N3055	NPN	60	100	15	20	70	1.1	TO−247
2N2955	PNP	60	100	15	20	70	1.1	TO−247
BC546	NPN	65	80	0.1	110	800	0.25	TO−92
BC846	NPN	65	80	0.1	110	800	0.25	SOT−523 SOT−323 SOT−23
BC556	PNP	−65	−80	−0.1	110	800	−0.3	TO−92
BC856	PNP	−65	−80	−0.1	110	800	−0.3	SOT−323 SOT−23
2SD1782	NPN	80	80	0.5	120	390	0.5	SOT−23
MMBTA06	NPN	80	80	0.5	100	−	0.25	SOT−23
MPSA06	NPN	80	80	0.5	100	−	0.25	TO−92
PZTA06	NPN	80	80	0.5	100	−	0.25	SOT−223
2SB1198	PNP	−80	−80	−0.5	120	390	−0.5	SOT−23

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
MMBTA56	PNP	−80	−80	−0.5	100	–	−0.25	SOT−23
MPSA56	PNP	−80	−80	−0.5	100	–	−0.25	TO−92
PZTA56	PNP	−80	−80	−0.5	100		−0.25	SOT−223
2SD1898	NPN	80	100	1	82	390	0.4	SOT−23 SOT−89 SOT−223 SOT−23−3
UBCX56	NPN	80	100	1	63	200	0.5	SOT−89
2SB1260	PNP	−80	−80	−1	82	390	−0.4	SOT−89 SOT−223 TO−252
2SB647	PNP	−80	−120	−1	60	320	−0.5	TO−92NL
PZT4033	PNP	−80	−80	−1	100	300	−0.15	SOT−223
BD139	NPN	80	100	1.5	63	250	0.5	SOT−223 TO−126 TO−126S TO−251
BD139A	NPN	80	100	1.5	63	250	0.5	TO−126
BD140	PNP	−80	−80	−1.5	40	250	−0.5	SOT−223 TO−126 TO−126C TO−251
2SC3669	NPN	80	80	2	70	240	0.5	SOT−89 SOT−223 TO−251 TO−252
BD237	NPN	80	100	2	40	–	0.6	TO−126 TO−126S TO−220F
BD238	PNP	−80	−100	−2	40	–	−0.6	TO−126 TO−126S
2SB1017	PNP	−80	−80	−4	40	240	−1.7	TO−220F TO−220
2SC4466	NPN	80	120	6	50	180	1.5	TO−3P
2SA1693	PNP	−80	−80	−6	50	180	1.5	TO−3P
HJ44H11	NPN	80	80	10	60	500	1	SOT−223 TO−252 TO−220 TO−251
HJ45H11	PNP	−80	−80	−10	60		−1	TO−252 TO−251 SOT−223 TO−220
2SD667	NPN	80	120	1	60	320	0.5	TO−92NL SOT−23 TO−92
2N6718	NPN	100	100	1	50	300	0.35	SOT−89 TO−92 TO−126C
2SC3647	NPN	100	120	2	100	400	0.4	SOT−89
TIP31C	NPN	100	100	3	10	50	1.2	TO−126 TO−126S TO−252 TO−220 TO−252D
TIP32C	PNP	−100	−100	−3	10	50	−1.2	TO−126 TO−126S TO−252 TO−220
2SD1816	NPN	100	120	4	70	560	0.4	TO−251 TO−251S TO−252 TO−220F TO−220F1 TO−220
PZT1816	NPN	100	120	4	70	400	0.4	SOT−223
2SB1216	PNP	−100	−120	−4	70	400	−0.5	TO−220 TO−220F
2SB857	PNP	−100	−130	−4	60	320	1	TO−126 TO−126C TO−252 TO−220 TO−252D
TIP41C	NPN	100	100	6	15	75	1.5	TO−252 TO−220 TO−220F
TIP41C−Q	NPN	100	100	6	15	75	1.5	TO−252 TO−220F TO−220
BU406A	NPN	100	100	6	15	75	1.5	TO−220 TO−252
BU406S	NPN	110	200	7	60	120	0.5	TO−220
TIP42C	PNP	−100	−100	−6	15	75	−1.5	TO−252 TO−263 TO−220 TO−220F
TIP42C−Q	PNP	−100	−100	−6	15	75	−2.2	TO−220
UP1753	NPN	100	200	6	100	300	0.15	SOT−223TO−252
MN2510	NPN	100	100	25	40	120	1.5	TO−3P
MP2510	PNP	−100	−100	−25	40	120	−1.5	TO−3P
TIP36C	PNP	−100	−100	−25	55	160	−1.8	TO−3P TO−3PN
TIP35C	NPN	100	100	25	55	160	1.8	TO−3P TO−3PN
2SC2881	NPN	120	120	0.8	80	240	1	SOT−89 TO−92
2SC2235	NPN	120	120	0.8	80	240	1	TO−92 TO−92NL

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
2SA1201	PNP	−120	−120	−0.8	80	240	−1	SOT−89 TO−92 TO−92NL
2SD669	NPN	120	180	1.5	60	320	1	SOT−23 SOT−89 SOT−223 TO−92 TO−92NL TO−126 TO−126C TO−126S TO−251 TO−252
2SB649	PNP	−120	−180	−1.5	60	320	−1	SOT−89 SOT−223 TO−92 TO−92NL TO−126 TO−126C TO−126S TO−252
2SD1857	NPN	120	120	2	82	390	0.4	TO−92 TO−92NL TO−126 TO−126S TO−251 SOT−223
2SC3834	NPN	120	200	7	70	220	0.5	TO−220 TO−220F TO−3P TO−252D
2SC3835	NPN	120	200	7	70	220	0.5	TO−3P TO−3PN
2SC4467	NPN	120	160	8	50	−	1.5	TO−3P
2SA1694	PNP	−120	−120	−8	50	180	−1.5	TO−3P
2SD718	NPN	120	120	10	55	160	2	TO−3P TO−247
2SB688	PNP	−120	−120	−10	55	160	−2.5	TO−3P
FMMT619	NPN	125	125	1	160	320	0.5	SOT−23
UP1855	PNP	−140	−180	−4	100	300	−0.15	SOT−223
UP2855	PNP	−140	−180	−4	100	300	−0.12	SOT−223
UP3855	PNP	−140	−180	−4	100	300	−0.12	SOT−223 SOT−89 TO−252 TO−220
2N5401	PNP	−150	−160	−0.6	80	400	−0.5	SOT−89 TO−92
MMBT5401	PNP	−150	−160	−0.6	80	400	−0.5	SOT−23
PZT5401	PNP	−150	−160	−0.6	80	400	−0.5	SOT−223
2SC2073	NPN	150	150	1.5	40	140	1.5	TO−220
2SA940	PNP	−150	−150	−1.5	40	140	−1.5	TO−220
BU407	NPN	150	330	7	35	200	1	TO−220
2SD1609	NPN	160	160	0.1	60	320	2	TO−126
2N5551	NPN	160	180	0.6	80	400	0.2	SOT−89 TO−92
MMBT5551	NPN	160	180	0.6	80	400	0.2	SOT−23
PZT5551	NPN	160	180	0.6	80	400	0.2	SOT−223
2SC3648	NPN	160	180	0.7	100	400	0.4	SOT−89
2SC2383	NPN	160	160	1	60	320	1.5	TO−92 TO−92NL
2SA1013	PNP	−160	−160	−1	60	320	−1.5	SOT−89 TO−92 TO−92NL
2SA1507	PNP	−160	−180	−1.5	100	400	−0.5	TO−126
2SC4027	NPN	160	180	1.5	100	400	0.45	TO−220 TO−252
2SD669A	NPN	160	180	1.5	60	320	1	SOT−23 SOT−89 SOT−223 TO−92 TO−92NL TO−126 TO−126C TO−126S TO−251 TO−252
2SB649A	PNP	−160	−180	−1.5	60	200	−1	SOT−89 SOT−223 TO−92 TO−92NL TO−126 TO−126C TO−126S TO−252
UP1855A	PNP	−170	−180	−4	100	300	−0.15	SOT−223 TO−126
UN1596	NPN	180	180	0.5	500	−	−	SOT−223
UP1496	PNP	−200	−220	−0.3	85	300	−0.35	SOT−23
MMBTA43	NPN	200	200	0.5	80	300	0.2	SOT−23
MPSA43	NPN	200	200	0.5	80	300	0.2	SOT−89 TO−92 TO−92NL TO−126 TO−126C
PZTA43	NPN	200	200	0.5	80	300	0.2	SOT−223

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
MPSA93	PNP	−200	−200	−0.5	80	−	−0.5	SOT−89 TO−92 TO−92NL TO−252 TO−126 TO−126C
PZTA93	PNP	−200	−200	−0.5	80	−	−0.5	SOT−223
4124	NPN	200	400	1.5	10	60	0.5	TO−126
D4120P	NPN	200	350	1.5	8	50	0.5	TO−92
4124D	NPN	200	350	2	8	50	0.8	TO−92 TO−126
UP1856	PNP	−200	−220	−2	100	300	−0.165	SOT−223
4126	NPN	200	400	3	10	60	0.5	TO−126
4126D	NPN	200	350	3	8	50	0.8	TO−92 TO−126 TO−251
4128	NPN	200	400	5	10	60	0.8	TO−126
BU406	NPN	200	400	7	70	240	1	TO−220 TO−220F TO−220F1 TO−263 TO−3P
2SC4793	NPN	230	230	1	100	320	1.5	TO−220F TO−126
2SA1837	PNP	−230	−230	−1	100	320	−1.5	SOT−223 TO−220F TO−220F1 TO−220F2 TO−220
2SC5200	NPN	230	230	15	55	160	3	TO−3PL TO−3PB TO−3P
2SA1943	PNP	−230	−230	−15	55	160	−3	TO−3PL TO−3PB TO−3P
BF422	NPN	250	250	0.05	50	−	0.6	TO−92 SOT−23
BF423	PNP	−250	−250	−0.05	50	−	−0.6	TO−92
2SC2482	NPN	300	300	0.1	30	150	1	TO−92 TO−92NL
2SC3468	NPN	300	300	0.1	40	320	0.6	SOT−89
2SC2688	NPN	300	300	0.2	40	250	1.5	TO−126 TO−126C
MMBTA42	NPN	300	300	0.5	80	300	0.2	SOT−23
MPSA42	NPN	300	300	0.5	80	300	0.2	TO−126 TO−126C SOT−89 TO−92 TO−92NL
PZTA42	NPN	300	300	0.5	80	300	0.2	SOT−223
MMBTA92	PNP	−300	−300	−0.5	80	−	−0.5	SOT−23 SOT−323
MPSA92	PNP	−300	−300	0.5	80	−	−0.5	SOT−89 TO−92 TO−92NL TO−252 TO−126 TO−126C
PZTA92	PNP	−300	−300	0.5	80	−	−0.5	SOT−223
MPSA92M	PNP	−300	−300	0.8	80	300	−0.5	TO−92
MJE13002	NPN	300	–	1.5	8	40	0.5	TO−92 TO−126
MJE13002−E	NPN	300	–	1.5	8	40	0.8	TO−92 TO−126S
BF488	PNP	−350	−350	−0.1	50	−	−0.5	TO−92
MMBTA45	NPN	350	400	0.3	50	240	0.5	SOT−23
MPSA45	NPN	350	400	0.3	82	240	0.5	SOT−89 TO−92 TO−92NL TO−126 TO−252
PZTA45	NPN	350	400	0.3	50	240	0.5	SOT−223
2SC4548	NPN	400	400	0.2	60	200	–	SOT−89
MJE13001	NPN	400	600	0.2	10	70	0.5	SOT−89 TO−92
MJE13001−P	NPN	400	600	0.2	10	70	0.5	TO−92
MJE13001−Q	NPN	400	600	0.2	15	35	0.5	SOT−89 TO−92
MJE13001−XS	NPN	400	600	0.2	15	30	0.5	SOT−89 TO−92
2SA1700	PNP	−400	−400	−0.2	60	200	−0.8	TO−251 TO−252
2SA1740	PNP	−400	−400	−0.2	60	200	–	SOT−89
MMBTA44	NPN	400	500	0.3	50	240	0.5	SOT−23
MPSA44	NPN	400	500	0.3	82	240	0.5	SOT−89 TO−92 TO−92NL TO−126 TO−252

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
MPSA44H	NPN	400	800	0.3	82	240	0.5	SOT-89 TO-92
MPSA44A	NPN	400	500	0.3	82	240	0.5	SOT-89 TO-252 TO-92 TO-92NL TO-126
PZTA44	NPN	400	500	0.3	50	240	0.5	SOT-223
ULB121	NPN	400	600	0.3	10	36	0.4	TO-251
KSA1625	PNP	-400	-400	-0.3	70	300	-0.2	TO-92
MMBTA94	PNP	-400	-400	-0.3	70	300	-0.2	SOT-23
MPSA94	PNP	-400	-400	0.3	70	300	-0.2	SOT-89 TO-92
PZTA94	PNP	-400	-400	0.3	70	300	-0.2	SOT-223
UBV45	NPN	400	700	0.75	12	27	1	TO-92
ULB122	NPN	400	600	0.8	10	40	0.4	TO-251
MPSA194	PNP	-400	-400	-0.8	50	800	-0.2	TO-92 TO-92NL
MJE13003	NPN	400	700	1.6	20	40	0.5	TO-92 TO-92NL TO-126 TO-126C TO-126S TO-251 TO-251S TO-252 TO-220
MJE13003-XS	NPN	400	700	1	15	30	0.5	TO-126 TO-126C TO-220 TO-126S TO-92 TO-92NL TO-252 TO-251 TO-251S
MJE13003D	NPN	400	700	1.3	15	30	0.8	TO-92 TO-126 TO-126S TO-251 TO-252 TO-220
MJE13003D-XS	NPN	400	700	1.2	15	30	0.6	TO-126 TO-92
MJE13003D-P	NPN	400	700	1.5	14	57	0.5	TO-92
MJE13003-E	NPN	400	700	1.5	8	40	0.5	TO-92 TO-126S
MJE13003-H	NPN	400	900	1.5	5	30	0.5	TO-92 TO-92NL TO-126 TO-126C TO-126S TO-251 TO-252 TO-220
MJE13003-P	NPN	400	700	1.5	10	30	0.5	SOT-89 TO-92 TO-92NL TO-126 TO-126C TO-126S TO-251 TO-252
MJE13003-R	NPN	400	700	1.5	14	57	0.5	TO-92
MJE13003-V	NPN	400	700	1.5	14	57	0.5	TO-92 TO-92NL TO-126 TO-126C TO-126 STO-251 TO-251S TO-252 TO-220
5302	NPN	400	800	2	10	30	1.5	TO-251
5302D	NPN	400	700	1.3	15	30	0.8	SOT-223 TO-92 TO-126 TO-126S TO-251 TO-252 TO-252S2
5303D	NPN	400	700	2	10	30	0.5	TO-251
T2096	NPN	400	800	2	120	180	0.8	TO-251 TO-252
ULB124	NPN	400	600	2	10	40	0.3	TO-126 TO-251 TO-220
MJE13005	NPN	400	700	4	15	30	0.5	TO-126 TO-126S TO-251 TO-251S TO-251S2 TO-251S4 TO-252 TO-252D TO-262 TO-263 TO-220 TO-220F
MJE13005D	NPN	400	-	4	15	50	0.5	TO-126 TO-126S TO-251 TO-220 TO-220F
MJE13005D-K	NPN	400	700	4	15	50	0.5	TO-251
MJE13005-K	NPN	400	700	4	15	50	0.5	TO-126 TO-251 TO-251S4 TO-252 TO-220 TO-220F
MJE13005-XS	NPN	400	700	4	15	35	0.5	TO-220 TO-220F TO-220F1 TO-220F2 TO-252 TO-252D TO-126
2SC5305	NPN	400	800	5	22	-	0.4	TO-220 TO-220F
MJE13007	NPN	400	700	8	8	40	1	TO-220 TO-262 TO-220F TO-220F1 TO-220F2

Part No.	Configu-ration	BV_{CEO} (V) (Range)	BV_{CBO} (V) (Range)	I_C (A) (Range)	HFE_MIN. (Range)	HFE_MAX. (Range)	VCE(Sat) (V)MAX. (Range)	Package
MJE13007D	NPN	400	700	8	8	40	1	TO-220
MJE13007-M	NPN	400	700	8	8	40	1	TO-220 TO-220F TO-220F1 TO-220F2
MJE13007-P	NPN	400	700	8	8	40	1	TO-220
MJE13007-Q	NPN	400	700	8	8	40	1	TO-220
MJE13007-XS	NPN	400	700	5	8	40	2	TO-220 TO-220F TO-220F1
MJE13009-Q	NPN	400	700	8	15	35	2	TO-220 TO-247S
MJE13009-XS	NPN	400	700	8	8	40	1	TO-220 TO-247S TO-3P TO-3PB
2SC2625	NPN	400	450	10	10	-	1.2	TO-3P TO-247 TO-247S TO-3PB TO-3PN
MJE13011	NPN	400	450	10	10	-	1.2	TO-3P
MJE13011	NPN	400	450	10	10	-	1.2	TO-220F
MJE13009	NPN	400	700	12	-	40	1	TO-220 TO-220F TO-3P TO-3PN
MJE13009D	NPN	400	700	12	8	40	1	TO-220 TO-247 TO-247S
MJE13009-K	NPN	400	700	12	-	40	1	TO-220 TO-3P
MJE13009-P	NPN	400	700	12	-	40	1	TO-220 TO-3P TO-247S TO-3PB
2SC3320	NPN	400	500	15	20	45	1	TO-3P TO-3PN
TUL1102	NPN	450	1100	4	5	20	1.5	TO-251 TO-252 TO-263 TO-220 TO-220F TO-220F1
TUL1203	NPN	550	1400	5	9	28	0.7	TO-220
2SA1627	PNP	-600	-600	-1	30	120	-0.5	TO-126 TO-126C TO-126S TO-92
2SA1627A	PNP	-600	-600	-1	30	120	-1.5	SOT-223 TO-126 TO-126C TO-251 TO-252
2SC5027E	NPN	700	750	3	10	40	2	TO-220 TO-220F TO-220F1 TO-220F2
2SC5353	NPN	700	900	3	10	-	1	TO-126 TO-126C TO-220 TO-220F TO-220F1
BU508AFI	NPN	700	1500	8	6	30	1	TO-3PML
UT2274	NPN	720	1400	1	15	35	1.5	TO-92 TO-126 TO-251
2SC5353B	NPN	700	900	3	10	-	1	TO-126 TO-126C TO-251 TO-252 TO-220 TO-220F TO-220F1
2SC3149	NPN	800	1200	0.5	10	40	0.8	TO-126
2SC5027	NPN	800	850	3	10	40	2	TO-220 TO-220F
2SC5027-Q	NPN	800	850	3	10	40	2	TO-220 TO-220F
C6084	NPN	700	1400	3	10	25	3	TO-263 TO-220 TO-220F TO-220F1 TO-220F2 TO-3P

Part No.	Number of channels	Sub family	Function	Vcc(V) Min (Range)	Vcc(V) Max (Range)	tpd(nS) Max (Range)	Icc(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74HC00	4	NAND GATE	●push-pull output	2	6	15	2	5.2	DIP-14 SOP-14 TSSOP-14
U74HC02	4	NOR GATE	●push-pull output	2	6	15	2	5.2	DIP-14 SOP-14 TSSOP-14
U74HC04	6	INVERTER	●push-pull output	2	6	16	2	5.2	DIP-14 SOP-14 TSSOP-14 QFN-14(2.5X3.0)
U74HC07	6	BUFFER	●open-drain output	2	6	17	2	5.2	SOP-14 TSSOP-14
U74HC08	4	AND GATE	●push-pull output	2	6	17	2	5.2	DIP-14 SOP-14 TSSOP-14
U74HC14	6	INVERTER	●push-pull output ●schmitt-trigger	2	6	32	2	5.2	DIP-14 SOP-14 TSSOP-14
U74HC20	2	NAND GATE	●push-pull output	2	6	19	2	5.2	SOP-14 TSSOP-14
U74HC21	2	AND GATE	●push-pull output	2	6	19	2	5.2	SOP-14 TSSOP-14
U74HC32	4	OR GATE	●push-pull output	2	6	15	2	5.2	DIP-14 SOP-14 TSSOP-14
U74HC73	2	J-K FLIP-FLOP	●push-pull output ●CLR pin	2	6	21	4	5.2	SOP-14 TSSOP-14
U74HC74	2	D-TYPE FLIP-FLOP	●push-pull output ●RESET pin	2	6	30	4	5.2	SOP-14 TSSOP-14 DIP-14
U74HC86	4	XOR GATE	●push-pull output	2	6	17	2	5.2	SOP-14 TSSOP-14
U74HC123	2	MULTIVIBRATOR	●multiplexer ●RESET pin	2	6	43	8	5.2	SOP-16 TSSOP-16
U74HC138	1	DECODER	●push-pull output	2	6	26	8	5.2	DIP-16 SOP-16 SSOP-16 TSSOP-16
U74HC148	1	ENCODER	●push-pull output	2	6	36	8	5.2	SOP-16 TSSOP-16
U74HC157	4	MULTIPLEXER	●multiplexer	2	6	29	8	7.8	SOP-16 TSSOP-16
U74HC164	1	REGISTER	●push-pull output	2	6	29	8	5.2	DIP-14 SOP-14 TSSOP-14
U74HC165	1	REGISTER	●push-pull output	2	6	26	8	5.2	SOP-16 TSSOP-16
U74HC238	1	DEMULTIPLEXER	●push-pull output	2	6	26	8	5.2	TSSOP-16
U74HC240	8	BUFFER	●3-state output ●OE pin	2	6	17	8	7.8	SOP-20 SSOP-20 TSSOP-20
U74HC244	8	BUFFER	●3-state output ●OE pin	2	6	20	8	7.8	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74HC245	8	TRANSCEIVER	●3-state output ●OE pin/DIR pin	2	6	18	8	7.8	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74HC273	8	D-TYPE FLIP-FLOP	●push-pull output ●CLR pin	2	6	27	8	5.2	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74HC373	8	D-TYPE LATCH	●3-state output ●OE pin/LE pin	2	6	26	8	7.8	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74HC374	8	D-TYPE FLIP-FLOP	●3-state output ●OE pin	2	6	26	8	7.8	SOP-20 SSOP-20 TSSOP-20
U74HC377	8	D-TYPE FLIP-FLOP	●push-pull output ●OE pin	2	6	27	8	5.2	SOP-20 TSSOP-20
U74HC540	8	BUFFER	●3-state output ●OE pin	2	6	26	8	7.8	DIP-20 SOP-20 TSSOP-20
U74HC541	8	BUFFER	●3-state output ●OE pin	2	6	20	8	7.8	SOP-20 TSSOP-20
U74HC563	8	D-TYPE LATCH	●3-state output ●OE pin/LE pin	2	6	30	8	7.8	TSSOP-20 SOP-20
U74HC564	8	D-TYPE FLIP-FLOP	●3-state output ●OE pin	2	6	31	8	7.8	TSSOP-20
U74HC573	8	D-TYPE LATCH	●3-state output ●OE pin/LE pin	2	6	30	8	7.8	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74HC574	8	D-TYPE FLIP-FLOP	●3-state output ●OE pin	2	6	31	8	7.8	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74HC590	1	COUNTER	●3-state output ●OE pin/CLR pin	2	6	51	8	7.8	SOP-16 TSSOP-16

Logic & Voltage Translator > 74 HC/HCT Family

Part No.	Number of channels	Sub family	Function	Vcc(V) Min (Range)	Vcc(V) Max (Range)	tpd(nS) Max (Range)	Icc(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74HC594	1	REGISTER	●push-pull output ●CLR pin	2	6	34	8	7.8	SOP-16 TSSOP-16
U74HC595A	1	REGISTER	●3-state output ●OE pin/CLR pin	2	6	24	4	5.2	DIP-16 SOP-16 SOP-16N SSOP-16 SSOP-16N TSSOP-16
U74HC595A-Q	1	REGISTER	●3-state output ●OE pin/CLR pin	2	6	24	4	5.2	SOP-16 SSOP-16 TSSOP-16
U74HC595B	1	REGISTER	●3-state output ●TTL/OE pin	2	6	34	4	5.2	SOP-16 SSOP-16 TSSOP-16
U74HC640	8	TRANSCEIVER	●3-state output ●OE pin/DIR pin	2	6	18	8	7.8	SSOP-20
U74HC4040	1	COUNTER	●push-pull output ●CLR pin	2	6	17	8	5.2	SOP-16
U74HC4046A	1	PHASE LOCKED LOOP	●push-pull output	2	6	58	8	5.2	SOP-16 TSSOP-16
U74HC4049	6	INVERTER	●push-pull output	2	6	14	2	5.2	SOP-16 TSSOP-16
U74HC4051	1	MULTIPLEXER	●multiplexer	2	10	10	16	-	DIP-16 SOP-16 TSSOP-16 QFN-16(3x3)
U74HC4052	2	MULTIPLEXER	●multiplexer	2	10	13	160	-	DIP-16 SOP-16 TSSOP-16
U74HC4053	3	MULTIPLEXER	●multiplexer	2	10	10	16	1	DIP-16 SOP-16 TSSOP-16
U74HC4060	1	COUNTER	●push-pull output ●CLR pin	2	6	105	8	5.2	SOP-14 TSSOP-14
U74HC4066	4	SWITCH	●switch/OE pin	2	10	10	40	-	SOP-14 TSSOP-14
U74HC4094	1	REGISTER	●3-state output/OE pin	2	6	23	4	5.2	SOP-16 TSSOP-16 DIP-16
U74HC4316A	4	SWITCH	●Single-Pole Double-Throw (SPDT) Switch ●OE pin/Select input	2	10	8	16	1	SOP-16
U74HC1G06	1	INVERTER	●open-drain output	2	6	6	1	5.2	SOT-23-5 SOT-353
U74HC1G66	1	SWITCH	●switch ●OE pin	2	10	10	20	-	SOT-25 SOT-353
U74HC2G00	2	NAND GATE	●push-pull output	2	6	16	10	5.2	MSOP-8
U74HC2G02	2	NOR GATE	●push-pull output	2	6	20	10	5.2	MSOP-8
U74HC2G08	2	AND GATE	●push-pull output	2	6	16	10	5.2	MSOP-8
U74HC2G32	2	OR GATE	●push-pull output	2	6	20	10	5.2	MSOP-8
U74HC2G125	2	BUFFER	●3-state output ●OE pin	2	6	20	1	7.8	TSSOP-8 MSOP-8
U74HCT00	4	NAND GATE	●push-pull output ●TTL	4.5	5.5	18	2	4	SOP-14
U74HCT04	6	INVERTER	●push-pull output ●TTL	4.5	5.5	18	2	4	SOP-14 TSSOP-14 DIP-14
U74HCT08	4	AND GATE	●push-pull output ●TTL	4.5	5.5	22	2	4	SOP-14 TSSOP-14
U74HCT14	6	INVERTER	●push-pull outpu ●TTL/schmitt-trigger	4.5	5.5	30	2	4	DIP-14 SOP-14 TSSOP-14
U74HCT20	2	NAND GATE	●push-pull output ●TTL	4.5	5.5	28	2	4	TSSOP-14
U74HCT21	2	AND GATE	●push-pull output ●TTL	4.5	5.5	27	2	4	TSSOP-14
U74HCT73	2	J-K FLIP-FLOP	●push-pull output ●TTL/CLR pin	4.5	5.5	31	4	4	SOP-14 TSSOP-14
U74HCT125	4	BUFFER	●3-state output ●TTL/OE pin	4.5	5.5	23	8	6	SOP-14 TSSOP-14
U74HCT138	1	DECODER	●push-pull output ●TTL	4.5	5.5	32	8	4	SOP-16 SSOP-16 TSSOP-16
U74HCT165	1	REGISTER	●push-pull output ●TTL	4.5	5.5	40	8	4	SOP-16 TSSOP-16
U74HCT245	8	TRANSCEIVER	●3-state output ●TTL/OE pin/DIR pin	4.5	5.5	27	8	6	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74HCT373	8	D-TYPE LATCH	●3-state output ●TTL/OE pin/LE pin	4.5	5.5	32	8	6	DIP-20 TSSOP-20 SOP-20
U74HCT374	8	D-TYPE FLIP-FLOP	●3-state output ●TTL/OE pin	4.5	5.5	32	8	6	DIP-20 TSSOP-20
U74HCT540	8	NAND GATE	●3-state output ●OE pin	4.5	5.5	27	8	6	SOP-20 TSSOP-20
U74HCT541	8	BUFFER	●3-state output ●TTL/OE pin	4.5	5.5	33	4	6	DIP-20 TSSOP-20 SOP-20
U74HCT563	8	D-TYPE LATCH	●3-state output ●TTL/OE pin/LE pin	4.5	5.5	35	8	6	DIP-20 TSSOP-20

Logic & Voltage Translator > 74 HC/HCT Family

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74HCT564	8	D-TYPE FLIP-FLOP	●3-state output ●TTL/OE pin	4.5	5.5	35	8	6	TSSOP-20
U74HCT573	8	D-TYPE LATCH	●3-state output ●TTL/OE pin/LE pin	4.5	5.5	35	8	6	SOP-20 TSSOP-20
U74HCT574	8	D-TYPE FLIP-FLOP	●3-state output ●TTL/OE pin	4.5	5.5	33	8	6	SOP-20 TSSOP-20
U74HCT595	1	REGISTER	●3-state output ●TTL/OE pin/CLR pin	4.5	5.5	40	8	6	SOP-16 TSSOP-16
U74HCT640	8	TRANSCEIVER	●3-state output ●TTL/OE pin/DIR pin	4.5	5.5	21	8	6	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74HCT4040	1	COUNTER	●push-pull output ●TTL/CLR pin	4.5	5.5	17	8	4	SOP-16
U74HCT4066	4	SWITCH	●switch ●TTL/OE pin	4.5	5.5	15	20	-	SOP-14 TSSOP-14
U74HCT4094	1	REGISTER	●3-state output ●TTL/OE pin	4.5	5.5	39	4	4	DIP-16 TSSOP-16
U74HCT7046	1	PHASE LOCKED LOOP	●push-pull output	4.5	5.5	40	8	4	SOP-16 TSSOP-16
U74HCT1G66	1	SWITCH	●switch ●TTL/OE pin	4.5	5.5	15	10	-	SOT-25
U74HCT3G04	3	INVERTER	●push-pull output ●TTL	4.5	5.5	23	10	4	TSSOP-8 MSOP-8
U74HCT3G06	3	INVERTER	●open-drain output ●TTL	4.5	5.5	24	10	-	TSSOP-8
U74HCT3G07	3	BUFFER	●open-drain output ●TTL	4.5	5.5	26	10	4	TSSOP-8 MSOP-8
U74HCT3G14	3	INVERTER	●push-pull output ●TTL/schmitt -trigger	4.5	5.5	32	1	4	SOP-8 TSSOP-8 MSOP-8
U74HCT3G34	3	BUFFER	●push-pull output ●TTL	4.5	5.5	23	10	4	TSSOP-8 MSOP-8
H74HC4851	8	MULTIPLEXER	● multiplexer	2	6	10	2	4	TSSOP-16
U74HC14B	6	INVERTER	● push-pull output ● TTL ● schmitt-trigger	2	6	11	2	5.2	TSSOP-14

Logic & Voltage Translator > 74 AC/ACT/AHC/AHCT Family

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74AC00	4	NAND GATE	●push-pull output	2	6	8	2	75	SOP-14 TSSOP-14
U74AC02	4	NOR GATE	●push-pull output	2	6	8.5	2	24	DIP-14 SOP-14 TSSOP-14
U74AC04	6	INVERTER	●push-pull output	2	6	7	2	24	SOP-14 TSSOP-14
U74AC08	4	AND GATE	●push-pull output	2	6	7.5	2	24	DIP-14 SOP-14 TSSOP-14
U74AC14	6	INVERTER	●push-pull output ●schmitt-trigger	2	6	10	2	24	SOP-14 TSSOP-14
U74AC32	4	OR GATE	●push-pull output	2	6	7.5	2	24	SOP-14 TSSOP-14
U74AC74	2	D-TYPE FLIP-FLOP	●push-pull output ●CLR pin	2	6	10	2	24	SOP-14
U74AC86	4	XOR GATE	●push-pull output	2	6	8.5	2	24	DIP-14 SOP-14 TSSOP-14
U74AC240	8	BUFFER	●3-state output ●OE pin	2	6	6	4	24	TSSOP-20
U74AC244	8	BUFFER	●3-state output ●OE pin	2	6	7	4	24	TSSOP-20
U74ACT00	4	NAND GATE	●push-pull output ●TTL	4.5	5.5	9	2	24	SOP-14
U74ACT02	4	NOR GATE	●push-pull output ●TTL	4.5	5.5	9	2	24	TSSOP-14 SOP-14
U74ACT04	6	INVERTER	●push-pull output ●TTL	4.5	5.5	8.5	2	24	DIP-14 SOP-14 TSSOP-14
U74ACT08	4	AND GATE	●push-pull output ●TTL	4.5	5.5	9	4	24	DIP-14 SOP-14 TSSOP-14
U74ACT14	6	INVERTER	●push-pull output ●TTL	4.5	5.5	11	2	24	DIP-14 SOP-14 TSSOP-14
U74ACT32	4	OR GATE	●push-pull output ●TTL	4.5	5.5	9	2	24	TSSOP-14 SOP-14
U74ACT86	4	XOR GATE	●push-pull output ●TTL	4.5	5.5	9.5	2	24	DIP-14 SOP-14 TSSOP-14
U74ACT125	2	BUFFER	●3-state output ●TTL/OE pin	4.5	5.5	9	4	24	SOP-14 TSSOP-14
U74ACT240	8	BUFFER	●3-state output ●TTL/OE pin	4.5	5.5	8.5	4	24	TSSOP-20
U74ACT244	8	BUFFER	●3-state output ●TTL/OE pin	4.5	5.5	9	4	75	SOP-20 SSOP-20 TSSOP-20
U74AHC00	4	NAND GATE	●push-pull output	2	5.5	7.5	2	8	SOP-14 TSSOP-14
U74AHC02	4	NOR GATE	●push-pull output	2	5.5	7.5	2	8	SOP-14 TSSOP-14
U74AHC04	6	INVERTER	●push-pull output	2	5.5	7.5	2	8	SOP-14 TSSOP-14
U74AHC06	6	INVERTER	●open-drain output	2	5.5	7	2	-	SOP-14
U74AHC07	6	BUFFER	●open-drain output	2	5.5	7.5	1	8	SOP-14 TSSOP-14
U74AHC08	4	AND GATE	●push-pull output	2	5.5	9	2	8	SOP-14 TSSOP-14
U74AHC14	6	INVERTER	●push-pull output ●schmitt-trigger	2	5.5	10.6	2	8	SOP-14 TSSOP-14
U74AHC17	6	BUFFER	●push-pull output ●schmitt-trigger	2	5.5	10.6	2	8	SOP-14
U74AHC20	2	NAND GATE	●push-pull output	2	5.5	7.9	2	8	SOP-14 TSSOP-14
U74AHC21	2	AND GATE	●push-pull output	2	5.5	7.9	2	8	SOP-14 TSSOP-14
U74AHC32	4	OR GATE	●push-pull output	2	5.5	7.5	2	8	SOP-14 TSSOP-14
U74AHC34	6	BUFFER	●push-pull output	2	5.5	7.5	2	8	SOP-14
U74AHC86	4	XOR GATE	●push-pull output	2	5.5	8.8	2	8	SOP-14 TSSOP-14 QFN-14(2.5X3.0)
U74AHC125	4	BUFFER	●3-state output ●OE pin	2	5.5	11.5	4	8	SOP-14 TSSOP-14
U74AHC126	4	BUFFER	●3-state output ●OE pin	2	5.5	6.5	4	8	SOP-14 TSSOP-14
U74AHC132	4	NAND GATE	●push-pull output ●schmitt-trigger	2	5.5	9.7	2	8	SOP-14 TSSOP-14
U74AHC157	4	MULTIPLEXER	●multiplexer	2	5.5	10.6	4	8	TSSOP-16
U74AHC158	4	MULTIPLEXER	●multiplexer	2	5.5	10.6	4	8	TSSOP-16
U74AHC164	1	REGISTER	●push-pull output	2	5.5	11	4	8	SOP-14 TSSOP-14
U74AHC245	8	TRANSCEIVER	●3-state output ●OE pin/DIR pin	2	5.5	7.5	4	8	SOP-20 SSOP-20 TSSOP-20 DIP-20

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74AHC373	8	D-TYPE LATCH	●3-state output ●OE pin/LE pin	2	5.5	10.1	4	8	SSOP-20 TSSOP-20
U74AHC374	8	D-TYPE FLIP-FLOP	●3-state output ●OE pin	2	5.5	10.1	4	8	TSSOP-20
U74AHC377	8	D-TYPE FLIP-FLOP	●push-pull output ●OE pin	2	5.5	10.5	4	8	SOP-20 SSOP-20 TSSOP-20
U74AHC541	8	BUFFER	●3-state output ●OE pin	2	5.5	8	4	8	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74AHC573	8	D-TYPE LATCH	●3-state output ●OE pin/LE pin	2	5.5	8.8	4	8	TSSOP-20
U74AHC574	8	D-TYPE FLIP-FLOP	●3-state output ●OE pin	2	5.5	10.6	4	8	TSSOP-20
U74AHC595	1	REGISTER	●3-state output ●OE pin /CLR pin	2	5.5	11	4	8	SOP-16 SSOP-16 TSSOP-16
U74AHC595-Q	1	REGISTER	●3-state output ●OE pin/CLR pin	2	5.5	12	4	8	SOP-16 TSSOP-16
U74AHC595B	1	REGISTER	●3-state output ●OE pin	2	5.5	12	4	8	DIP-16 TSSOP-16
U74AHC4066	4	SWITCH	●switch ●OE pin	2	5.5	6	2	–	SOP-14 TSSOP-14
U74AHC1G00	1	NAND GATE	●push-pull output	2	5.5	11.4	1	8	SOT-25 SOT-23-5 SOT-353
U74AHC1G02	1	NOR GATE	●push-pull output	2	5.5	7.5	1	8	SOT-25 SOT-23-5 SOT-353
U74AHC1G04	1	INVERTER	●push-pull output	2	5.5	7.5	1	8	SOT-25 SOT-23-5 SOT-353
U74AHC1G06	1	INVERTER	●open-drain output	2	5.5	7	1	–	SOT-23-5 SOT-353
U74AHC1G07	1	BUFFER	●open-drain output	2	5.5	7.5	1	8	SOT-23-5 SOT-353
U74AHC1G08	1	AND GATE	●push-pull output	2	5.5	7.9	1	8	SOT-25 SOT-23-5 SOT-353
U74AHC1G09	1	AND GATE	●open-drain output	2	5.5	7.5	1	–	SOT-25 SOT-23-5 SOT-353
U74AHC1G14	1	INVERTER	●push-pull output ●schmitt-trigger	2	5.5	10.6	1	8	SOT-25 SOT-23-5 SOT-353
U74AHC1G32	1	OR GATE	●push-pull output	2	5.5	7.5	1	8	SOT-25 SOT-23-5 SOT-353
U74AHC1G32A	1	OR GATE	●push-pull output	2	5.5	7.5	1	8	SOT-25 SOT23-5 SOT-353
U74AHC1G34	1	BUFFER	●push-pull output	2	5.5	7.5	10	8	SOT-23-5 SOT-353
U74AHC1G66	1	SWITCH	●switch/OE pin	2	5.5	5	1	–	SOT-25 SOT-353
U74AHC1G74	1	D-TYPE FLIP-FLOP	●push-pull output ●CLR pin	2	5.5	9.3	2	8	SOP-8 MSOP-8 CDFN2030-8
U74AHC1G79	1	D-TYPE FLIP-FLOP	●push-pull output	2	5.5	8	1	8	SOT-23-5 SOT-353
U74AHC1G86	1	XOR GATE	●push-pull output	2	5.5	8.8	1	8	SOT-25 SOT-23-5 SOT-353
U74AHC1G125	1	BUFFER	●3-state output ●OE pin	2	5.5	11	1	8	SOT-25 SOT-23-5 SOT-353
U74AHC1G126	1	BUFFER	●3-state output ●OE pin	2	5.5	11	1	8	SOT-23-5 SOT-353
U74AHC1G132	1	NAND GATE	●push-pull output ●schmitt-trigger	2	5.5	7.7	2	8	SOT-23-5 SOT-353
U74AHC2G02	2	NOR GATE	●push-pull output	2	5.5	7.5	1	8	TSSOP-8
U74AHC2G32	2	OR GATE	●push-pull output	2	5.5	7.5	1	8	TSSOP-8
U74AHC2G125	2	BUFFER	●3-state output ●OE pin	2	5.5	7.5	1	8	TSSOP-8
U74AHC2G126	2	BUFFER	●3-state output ●OE pin	2	5.5	8.5	2	8	TSSOP-8 MSOP-8
U74AHC3G04	3	INVERTER	●push-pull output	2	5.5	7.5	10	8	SOP-8 TSSOP-8 MSOP-8
U74AHC3G06	3	INVERTER	●open-drain/output	2	5.5	7	1	–	TSSOP-8
U74AHC3G14	3	INVERTER	●push-pull output ●schmitt-trigger	2	5.5	10.6	1	8	TSSOP-8 MSOP-8
U74AHC3G17	3	INVERTER	●push-pull output ●schmitt-trigger	2	5.5	10.6	1	8	TSSOP-8
U74AHC3G34	3	BUFFER	●push-pull output	2	5.5	7.5	10	8	TSSOP-8
U74AHCT00	4	NAND GATE	●push-pull output ●TTL	4.5	5.5	7.9	2	8	SOP-14
U74AHCT02	4	NOR GATE	●push-pull output ●TTL	4.5	5.5	7.5	2	8	SOP-14
U74AHCT08	4	AND GATE	●push-pull output ●TTL	4.5	5.5	7.9	2	8	SOP-14 TSSOP-14

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74AHCT14	6	INVERTER	●push-pull output ●TTL/schmitt-trigger	4.5	5.5	8	2	8	SOP-14 TSSOP-14
U74AHCT32	4	OR GATE	●push-pull output ●TTL	4.5	5.5	7.9	2	8	SOP-14
U74AHCT34	6	BUFFER	●push-pull output ●TTL	4.5	5.5	7.7	2	8	SOP-14
U74AHCT86	4	XOR GATE	●push-pull output ●TTL	4.5	5.5	8.8	2	8	DIP-14 SOP-14
U74AHCT125	4	BUFFER	●3-state output ●TTL/OE pin	4.5	5.5	8.5	2	8	SOP-14 TSSOP-14
U74AHCT126	4	BUFFER	●3-state output ●TTL/OE pin	4.5	5.5	7.5	2	8	SOP-14 TSSOP-14
U74AHCT132	4	NAND GATE	●push-pull output ●TTL/schmitt-trigger	4.5	5.5	7	2	8	SOP-14
U74AHCT157	4	MULTIPLEXER	●multiplexer/TTL	4.5	5.5	11	2	8	TSSOP-16
U74AHCT158	4	MULTIPLEXER	●multiplexer/TTL	4.5	5.5	8.7	2	8	SOP-16 TSSOP-16
U74AHCT273	8	D-TYPE FLIP-FLOP	●push-pull output ●TTL/CLR pin	4.5	5.5	11	4	8	DIP-20 SOP-20 TSSOP-20
U74AHCT373	8	D-TYPE LATCH	●3-state output ●TTL/OE pin/LE pin	4.5	5.5	13.3	4	8	DIP-20 TSSOP-20
U74AHCT374	8	D-TYPE FLIP-FLOP	●3-state output ●TTL/OE pin	4.5	5.5	9.4	4	8	DIP-20 TSSOP-20
U74AHCT4066	4	SWITCH	●switch/TTL/OE pin	4.5	5.5	6.5	2	–	SOP-14
U74AHCT1G00	1	NAND GATE	●push-pull output ●TTL	4.5	5.5	7.9	1	8	SOT-25 SOT-23-5 SOT-353
U74AHCT1G02	1	NOR GATE	●push-pull output ●TTL	4.5	5.5	7.5	1	8	SOT-25 SOT-23-5 SOT-353
U74AHCT1G04	1	INVERTER	●push-pull output ●TTL	4.5	5.5	7.7	1	8	SOT-25 SOT-23-5 SOT-353
U74AHCT1G08	1	AND GATE	●push-pull output ●TTL	4.5	5.5	7.9	1	8	SOT-25 SOT-23-5 SOT-353
U74AHCT1G14	1	INVERTER	●push-pull output ●TTL/schmitt-trigger	4.5	5.5	13	1	8	SOT-25 SOT-23-5 SOT-353
U74AHCT1G32	1	OR GATE	●push-pull output ●TTL	4.5	5.5	7.9	1	8	SOT-25 SOT-353
U74AHCT1G66	1	SWITCH	●switch/TTL/OE pin	4.5	5.5	1	1	–	SOT-25 SOT-353
U74AHCT1G86	1	XOR GATE	●push-pull output ●TTL	4.5	5.5	7.9	1	8	SOT-25 SOT-353
U74AHCT1G125	1	BUFFER	●3-state output ●TTL/OE pin	4.5	5.5	9	1	8	SOT-25 SOT-23-5 SOT-353
U74AHCT1G126	1	BUFFER	●3-state output ●TTL/OE pin	4.5	5.5	8.8	1	8	SOT-25 SOT-353
U74AHCT3G04	3	INVERTER	●push-pull output ●TTL	4.5	5.5	7.7	1	8	TSSOP-8 MSOP-8
U74AHCT3G06	3	INVERTER	●open-drain output ●TTL	4.5	5.5	7.5	1	–	TSSOP-8
U74AHCT3G14	3	INVERTER	●push-pull output ●TTL/schmitt-trigger	4.5	5.5	8.5	1	8	TSSOP-8
U74AHCT3G17	3	INVERTER	●push-pull output ●TTL/schmitt-trigger	4.5	5.5	8.5	1	8	TSSOP-8
U74AHCT3G34	3	BUFFER	●push-pull output ●TTL	4.5	5.5	7.7	1	8	TSSOP-8
U74AVHC1GT32	1	OR GATE	●push-pull output ●TTL	2	5.5	9.5	1	8	SOT-25 SOT-353

Part No.	Number of channels	Sub family	Function	Vcc(V) Min (Range)	Vcc(V) Max (Range)	tPD(nS) Max (Range)	Icc(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74LCX74	2	D-TYPE FLIP-FLOP	●push-pull output ●Ioff supports partial-power-down mode operation	2	3.6	7	10	24	TSSOP-14
U74LV00	4	NAND GATE	●push-pull output ●Ioff supports partial-power-down mode operation	2	5.5	7.5	20	12	TSSOP-14
U74LV126A	4	BUFFER	●3-state output/OE pin ●Ioff supports partial-power-down mode operation	2	5.5	7.5	20	16	DIP-14 SOP-14 TSSOP-14
U74LV164	1	REGISTER	●push-pull output/CLR pin ●Ioff supports partial-power-down mode operation	2	5.5	12	20	12	TSSOP-14
U74LV1T08	1	AND GATE	●push-pull output ●volage-level translator	1.6	5.5	7	1	8	SOT-25 SOT-353
U74LV1T32	1	OR GATE	●push-pull output/volage-level translator ●Ioff supports partial-power-down mode operation	1.6	5.5	7	1	8	SOT-353
U74LV1T34	1	BUFFER	●push-pull output ●volage-level translator	1.6	5.5	7	1	8	SOT-25 SOT-23-5 SOT-353
U74LV4052	2	MULTIPLEXER	●multiplexer ●Ioff supports partial-power-down mode operation	2	5.5	6	20	-	SOP-16 TSSOP-16
U74LV3G14	3	INVERTER	●push-pull output ●schmitt-trigger ●Ioff supports partial-power-down mode operation	1.65	5.5	10.6	10	12	SOP-8
U74LVC00A	4	NAND GATE	●push-pull output	1.65	3.6	4.3	10	24	SOP-14 TSSOP-14
U74LVC00B	4	NAND	quad 2-input NAND gate	1.65	3.6	4.3	10	24	SOP-14 TSSOP-14
U74LVC02A	4	NOR GATE	●push-pull output	1.65	3.6	4.4	10	24	SOP-14 TSSOP-14
U74LVC04A	6	INVERTER	●push-pull output	1.65	3.6	4.3	1	24	DIP-14 SOP-14 TSSOP-14
U74LVC06A	6	INVERTER	●open-drain output ●Ioff supports partial-power-down mode operation	1.65	3.6	3.5	1	24	SOP-14 TSSOP-14
U74LVC07A	6	BUFFER	●open-drain output ●Ioff supports partial-power-down mode operation	1.65	5.5	2.6	10	32	SOP-14 TSSOP-14
U74LVC08A	4	AND GATE	●push-pull output	1.65	3.6	5.9	1	24	SOP-14 TSSOP-14
U74LVC09A	4	NAND GATE	●open-drain output ●Ioff supports partial-power-down mode operation	1.65	5.5	3.6	10	32	SOP-14 TSSOP-14

Logic & Voltage Translator > 74 LCX/LV/LVC/LVX Family

Part No.	Number of channels	Sub family	Function	Vcc(V) Min (Range)	Vcc(V) Max (Range)	tPD(nS) Max (Range)	Icc(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74LVC14A	6	INVERTER	●push-pull output /schmitt-trigger ● Ioff supports partial-power-down mode operation	1.65	3.6	9	1	24	SOP-14 TSSOP-14
U74LVC17A	6	BUFFER	●push-pull output/schmitt-trigger ●Ioff supports partial-power-down mode operation	1.65	5.5	4.3	10	32	SOP-14 TSSOP-14
U74LVC32A	4	OR GATE	●push-pull output	1.65	3.6	3.8	10	24	SOP-14 TSSOP-14
U74LVC34A	6	BUFFER	●push-pull output ●Ioff supports partial-power-down mode operation	1.65	5.5	3.2	1	32	SOP-14 TSSOP-14
U74LVC74A	2	D-TYPE FLIP-FLOP	●push-pull output/CLR pin	1.65	3.6	5.4	10	24	SOP-14 TSSOP-14
U74LVC86A	4	XOR GATE	●push-pull output	1.65	3.6	4.4	1	24	SOP-14 TSSOP-14
U74LVC125A	4	BUFFER	●3-state output/OE pin	1.65	3.6	8	1	24	SOP-14 TSSOP-14
U74LVC126A	4	BUFFER	●3-state output/OE pin ●Ioff supports partial-power-down mode operation	1.65	3.6	4.5	1	24	SOP-14 TSSOP-14
U74LVC138	1	DECODER	●push-pull output	1.65	3.6	6.7	10	24	DIP-16 SOP-16 TSSTP-16
U74LVC157	4	MULTIPLEXER	●multiplexer ●Ioff supports partial-power-down mode operation"	1.65	3.6	5	1	24	SOP-16 TSSOP-16
U74LVC240	8	BUFFER	●3-state output/OE pin ●Ioff supports partial-power-down mode operation	1.65	3.6	6.5	10	24	SOP-20 TSSOP-20
U74LVC241	8	BUFFER	●3-state output/OE pin ●Ioff supports partial-power-down mode operation	1.65	3.6	6.1	10	24	SOP-20 TSSOP-20
U74LVC244	8	BUFFER	●3-state output/OE pin ●Ioff supports partial-power-down mode operation	1.65	3.6	7.4	1	24	DIP-20 SOP-20 TSSOP-20 SSOP-20
U74LVC244-Q	4	BUFFER	●multiplexer/3-state output/OE pin ●Ioff supports partial-power-down mode operation	1.65	3.6	6.6	1	24	DIP-20 SOP-20 SSOP-20 TSSOP-20
U74LVC245	8	TRANSCEIVER	●3-state output/OE pin/DIR pin ●Ioff supports partial-power-down mode operation	1.65	3.6	8.3	1	24	DIP-20 SOP-20 TSSOP-20 SSOP-20
U74LVC257	4	MULTIPLEXER	●multiplexer/3-state output/OE pin ●Ioff supports partial-power-down mode operation	1.65	3.6	4.6	10	24	SOP-16 TSSOP-16
U74LVC258	4	MULTIPLEXER	●multiplexer/3-state output/OE pin ●Ioff supports partial-power-down mode operation	1.65	3.6	4.6	10	24	SOP-16 TSSOP-16
U74LVC273	8	D-TYPE FLIP-FLOP	●push-pull output/CLR pin ●Ioff supports partial-power-down mode operation	1.65	3.6	6.8	10	24	SOP-20
U74LVC373	8	D-TYPE LATCH	●3-state output/OE pin/LE pin ●Ioff supports partial-power-down mode operation	1.65	3.6	7.7	10	24	SSOP-20 TSSOP-20

Part No.	Number of channels	Sub family	Function	Vcc(V) Min (Range)	Vcc(V) Max (Range)	tPD (nS) Max (Range)	Icc (uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74LVC374	8	D-TYPE FLIP -FLOP	●3-state output/OE pin ●Ioff supports partial-power -down mode operation	1.65	3.6	7.5	10	24	SOP-20 TSSOP-20
U74LVC540	8	BUFFER	●3-state output/OE pin ●Ioff supports partial-power -down mode operation	1.65	3.6	5.3	10	24	SSOP-20 TSSOP-20
U74LVC563	8	D-TYPE LATCH	●3-state output/OE pin/LE pin ●Ioff supports partial-power -down mode operation	1.65	3.6	6.8	10	24	TSSOP-20
U74LVC573	8	D-TYPE LATCH	●3-state output/OE pin/LE pin ●Ioff supports partial-power -down mode operation	1.65	3.6	7.7	10	24	SSOP-20 TSSOP-20
U74LVC574	8	D-TYPE FLIP -FLOP	●3-state output/OE pin ●Ioff supports partial-power -down mode operation	1.65	3.6	7	10	24	SOP-20 SSOP-20 TSSOP-20
U74LVC640	8	TRANSCEIVER	●3-state output/OE pin/DIR pin ●Ioff supports partial-power -down mode operation	1.65	3.6	8.3	1	24	TSSOP-20
U74LVC827	10	BUFFER	●3-state output/OE pin ●Ioff supports partial-power -down mode operation	1.65	3.6	8.5	10	24	SSOP-24 TSSOP-24
U74LVC16244	16	BUFFER	●3-state output/OE pin ●Ioff supports partial-power -down mode operation	1.65	3.6	4.1	20	24	TSSOP-48
U74LVC4245	8	TRANSCEIVER	SHIFTER/WITH 3-STATE OUTPUTS	2.7	5.5	6.1	80	100	SSOP-24
U74LVC1G00	1	NAND GATE	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	4	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1G02	1	NOR GATE	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	4	10	32	SOT-25 SOT-23-5 SOT-353 DFN1010-6
U74LVC1G04	1	INVERTER	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	6	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1G06	1	INVERTER	●open-drain output ●Ioff supports partial-power -down mode operation	1.65	5.5	3	10	32	SOT-23-5 SOT-353 SOT-25
U74LVC1G07	1	BUFFER	●open-drain output ●Ioff supports partial-power -down mode operation	1.65	5.5	6.6	10	32	SOT-25 SOT-23-5 SOT-353 X2 DFN1010-6 SOT-553
U74LVC1G08	1	AND GATE	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	7	10	32	SOT-25 SOT-23-5 SOT-353 DFN1010-6 SOT-553
U74LVC1G09	1	AND GATE	●open-drain output ●Ioff supports partial-power -down mode operation	1.65	5.5	3.9	10	32	SOT-23-5 SOT-353
U74LVC1G10	1	NAND GATE	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	3.6	10	32	SOT-26 SOT-363
U74LVC1G11	1	AND GATE	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	3.5	10	32	SOT-26 SOT-363

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Part No.	Number of channels	Sub family	Function	Vcc(V) Min (Range)	Vcc(V) Max (Range)	tPD (nS) Max (Range)	Icc (uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74LVC1G14	1	INVERTER	●push-pull output/schmitt-trigger ●Ioff supports partial-power -down mode operation	1.65	5.5	6	10	32	SOT-25 SOT-23-5 SOT-353 SOT-553
U74LVC1G17	1	BUFFER	●push-pull output/schmitt-trigger ●Ioff supports partial-power -down mode operation	1.65	5.5	8.3	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1G18	1	INVERTER	●3-state output/OE pin ●Ioff supports partial-power -down mode operation	1.65	5.5	3.2	10	32	SOT-26 SOT-363
U74LVC1G19	1	DECODER	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	3.9	10	32	SOT-26 SOT-363
U74LVC1G27	1	NOR GATE	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	5.5	10	32	SOT-363
U74LVC1G32	1	OR GATE	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	6	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1G34	1	BUFFER	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	3.2	10	32	SOT-25 SOT-353
U74LVC1G57	1	MULTIPLEXER	●multiplexer/schmitt-trigger ●Ioff supports partial-power -down mode operation	1.65	5.5	5.1	10	32	SOT-26 SOT-23-6 SOT-363
U74LVC1G58	1	MULTIPLEXER	●multiplexer/schmitt-trigger ●Ioff supports partial-power -down mode operation	1.65	5.5	5.1	10	32	SOT-363
U74LVC1G66	1	SWITCH	●switch/OE pin ●Ioff supports partial-power -down mode operation	1.65	5.5	2	1	32	SOT-25 SOT-23-5 SOT-353
U74LVC1G74	1	D-TYPE FLIP -FLOP	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	6.1	10	32	SOP-8 MSOP-8 CDFN2030-8 DFN2030-8
U74LVC1G79	1	D-TYPE FLIP -FLOP	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	4.5	10	32	SOT-23-5 SOT-353
U74LVC1G80	1	D-TYPE FLIP -FLOP	positive-edge-triggered	1.65	5.5	6.5	10	32	SOT-23-5 SOT-353
U74LVC1G86	1	XOR GATE	●push-pull output ●Ioff supports partial-power -down mode operation	1.65	5.5	3.3	10	32	SOT-23-5 SOT-25 SOT-353 X2DFN1010-6 SOT-553
U74LVC1G97	1	MULTIPLEXER	●multiplexer/schmitt-trigger ●Ioff supports partial-power -down mode operation	1.65	5.5	5.1	10	32	SOT-363
U74LVC1G99	1	MULTIPLEXER	●multiplexer/3-state output/schmitt-trigger ●Ioff supports partial-power -down mode operation	1.65	5.5	5.5	10	32	SOP-8 MSOP-8
U74LVC1G125	1	BUFFER	●3-state output/OE pin ●Ioff supports partial-power -down mode operation	1.65	5.5	7	10	32	SOT-25 SOT-23-5 SOT-353
U74LVC1G126	1	BUFFER	●3-state output/OE pin ●Ioff supports partial-power -down mode operation	1.65	5.5	5	10	32	SOT-25 SOT-23-5 SOT-353 SOT-553 X1DFN1410-6
U74LVC1G132	1	NAND GATE	●push-pull output/schmitt -trigger ●Ioff supports partial-power -down mode operation	1.65	5.5	5	10	32	SOT-25 SOT-23-5 SOT-353

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74LVC1G139	2	DECODER	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	4.2	10	32	SOP–8 MSOP–8
U74LVC1G157	1	MULTIPLEXER	●multiplexer ●Ioff supports partial–power–down mode operation	1.65	5.5	4.5	10	32	SOT–26 SOT–363
U74LVC1G158	1	MULTIPLEXER	●multiplexer ●Ioff supports partial–power–down mode operation	1.65	5.5	4	10	32	SOT–363
U74LVC1G175	1	D–TYPE FLIP–FLOP	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	5.5	10	32	SOT–26 SOT–363
U74LVC1G240	1	BUFFER	●3–state output/OE pin ●Ioff supports partial–power–down mode operation	1.65	5.5	4	10	32	SOT–353
U74LVC1G332	1	OR GATE	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	5	10	32	SOT–26
U74LVC1G373	1	D–TYPE LATCH	●3–state output/OE pin/LE pin ●Ioff supports partial–power–down mode operation	1.65	5.5	4.7	10	32	SOT–363
U74LVC1G374	1	D–TYPE FLIP–FLOP	●3–state output/OE pin ●Ioff supports partial–power–down mode operation	1.65	5.5	7.5	10	32	SOT–363
U74LVC1G386	1	XOR GATE	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	6	10	32	SOT–363
U74LVC1G0832	1	AND–OR GATE	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	4.5	10	32	SOT–363
U74LVC1G3157	1	SWITCH	●Single–Pole Double–Throw (SPDT) Switch ●Ioff supports partial–power–down mode operation	1.65	5.5	0.3	1	–	SOT–26 SOT–363 X1DFN1410–6
U74LVC1G3208	1	OR–AND GATE	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	5.5	10	32	SOT–363
U74LVC1GU04	1	INVERTER	●push–pull output ●Unbuffered Output	1.65	5.5	3.5	10	32	SOT–353 SOT–25
U74LVC1T45	1	TRANSCEIVER	●push–pull output/DIR pin ●Ioff supports partial–power–down mode operation/volage–level translator	1.65	5.5	3.9	5	32	SOT–26 SOT–353
U74LVC2G00	2	NAND GATE	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	3.3	10	32	SOP–8 MSOP–8
U74LVC2G02	2	NOR GATE	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	4.4	10	32	SOP–8 MSOP–8
U74LVC2G04	2	INVERTER	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	3.2	10	32	SOT–26 SOT–363
U74LVC2G06	2	INVERTER	●open–drain output ●Ioff supports partial–power–down mode operation	1.65	5.5	2.9	10	32	SOT–363

Logic & Voltage Translator > 74 LCX/LV/LVC/LVX Family

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74LVC2G07	2	BUFFER	●open–drain output ●Ioff supports partial–power–down mode operation	1.65	5.5	2.9	10	32	SOT–26 SOT–363 X2DFN1010–6
U74LVC2G08	2	AND GATE	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	3.8	10	32	SOP–8 MSOP–8 TSSOP–8
U74LVC2G14	2	INVERTER	●push–pull output/schmitt–trigger ●Ioff supports partial–power–down mode operation	1.65	5.5	5	10	32	SOT–26 SOT–363
U74LVC2G17	2	BUFFER	●push–pull output/schmitt–trigger ●Ioff supports partial–power–down mode operation	1.65	5.5	4.3	10	32	SOT–363 SOT–26
U74LVC2G32	2	OR GATE	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	3.2	10	32	MSOP–8 SOP–8
U74LVC2G34	2	BUFFER	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	3.2	10	32	SOT–26 SOT–363 X1DFN1010–6
U74LVC2G38	2	NAND GATE	●open–drain output ●Ioff supports partial–power–down mode operation	1.65	5.5	5.5	10	32	SOP–8
U74LVC2G66	2	SWITCH	●switch/OE pin ●Ioff supports partial–power–down mode operation	1.65	5.5	0.6	1	–	SOP–8 MSOP–8 TSSOP–8 DFN2030–8 CDFN2030–8
U74LVC2G86	2	XOR GATE	●push–pull output ●Ioff supports partial–power–down mode operation	1.65	5.5	3.6	10	32	SOP–8
U74LVC2G125	2	BUFFER	●3–state output/OE pin ●Ioff supports partial–power–down mode operation	1.65	5.5	3.8	10	32	MSOP–8 TSSOP–8
U74LVC2G126	2	BUFFER	●3–state output/OE pin ●Ioff supports partial–power–down mode operation	1.65	5.5	3.3	10	32	MSOP–8 TSSOP–8
U74LVC2G132	2	NAND GATE	●push–pull output/schmitt–trigger ●Ioff supports partial–power–down mode operation	1.65	5.5	5	10	32	SOP–8
U74LVC2G157	1	MULTIPLEXER	●multiplexer ●Ioff supports partial–power–down mode operation	1.65	5.5	4	10	32	SOP–8
U74LVC2G158	1	MULTIPLEXER	●multiplexer ●Ioff supports partial–power–down mode operation	1.65	5.5	3.7	10	32	MSOP–8 TSSOP–8
U74LVC2G240	2	BUFFER	●3–state output/OE pin ●Ioff supports partial–power–down mode operation	1.65	5.5	5	10	32	MSOP–8 TSSOP–8
U74LVC2G241	2	BUFFER	●3–state output/OE pin ●Ioff supports partial–power–down mode operation	1.65	5.5	3.7	10	32	SOP–8
U74LVC2G3157	2	SWITCH	●Single–Pole Double–Throw (SPDT) Switch ●Ioff supports partial–power–down mode operation	1.65	5.5	7.2	1	30	MSOP–10

Logic & Voltage Translator > 74 LCX/LV/LVC/LVX Family

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74LVC2T45	2	TRANSCEIVER	●push-pull output/DIR pin ●Ioff supports partial-power-down mode operation	1.65	5.5	3.9	3	32	SOP-8
U74LVC2GU04	2	INVERTER	two inverters withunbuffered outputs and performs the Boolean function	1.65	5.5	5.5	10	32	SOT-363
U74LVC3G04	3	INVERTER	●push-pull output ●Ioff supports partial-power-down mode operation	1.65	5.5	3.2	10	32	SOP-8 MSOP-8 CDFN2030-8
U74LVC3G06	3	INVERTER	●open-drain output ●Ioff supports partial-power-down mode operation	1.65	5.5	2.9	10	32	SOP-8
U74LVC3G07	3	BUFFER	●open-drain output ●Ioff supports partial-power-down mode operation	1.65	5.5	2.9	10	32	SOP-8 CDFN2030-8
U74LVC3G14	3	INVERTER	●push-pull output/schmitt-trigger ●Ioff supports partial-power-down mode operation	1.65	5.5	4.3	10	32	SOP-8 CDFN2030-8
U74LVC3G17	3	BUFFER	●push-pull output/schmitt-trigger ●Ioff supports partial-power-down mode operation	1.65	5.5	4.1	10	32	SOP-8 TSSOP-8 CDFN2030-8
U74LVC3G34	3	BUFFER	●push-pull output ●Ioff supports partial-power-down mode operation	1.65	5.5	3.2	10	32	SOP-8 MSOP-8 CDFN2030-8
U74LVX4051	1	MULTIPLEXER	●multiplexer ●Ioff supports partial-power-down mode operation	2	6	1.8	8	–	SOP-16 TSSOP-16 QFN-16(3×3)
U74LVX4051R	1	MULTIPLEXER	●multiplexer●Low Ron	2.5	6	15	8	100	TSSOP-16
U74LVX4052	2	MULTIPLEXER	●multiplexer ●Ioff supports partial-power-down mode operation	2	6	1.8	4	–	TSSOP-16 QFN-16(3X3) SOP-16
U74LVX4053	3	MULTIPLEXER	●multiplexer ●Ioff supports partial-power-down mode operation	2	6	1.8	8	2	SOP-16 TSSOP-16

Logic & Voltage Translator > 74 AUC/AUP/AVC Family

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74AUC1G00	1	NAND GATE	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	2.7	1.3	10	9	SOT-23-5 SOT-353
U74AUC1G02	1	NOR GATE	●push-pull output ●Ioff supports partial-power-down mode operation*	0.8	2.7	1.2	10	9	SOT-23-5 SOT-353
U74AUC1G08	1	AND GATE	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	2.7	1.4	10	9	SOT-23-5 SOT-353
U74AUC1G32	1	OR GATE	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	2.7	1.4	10	9	SOT-23-5 SOT-353
U74AUC1G86	1	XOR GATE	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	2.7	1.5	10	9	SOT-23-5 SOT-353
U74AUC1G125	1	BUFFER	●3-state output/OE pin ●Ioff supports partial-power-down mode operation	0.9	2.7	3.5	10	9	SOT-23-5 SOT-353
U74AUC1G126	1	BUFFER	●3-state output/OE pin ●Ioff supports partial-power-down mode operation	0.9	2.7	3.5	10	9	SOT-23-5 SOT-353
U74AUC2G04	2	INVERTER	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	2.7	7.2	10	9	SOT-26
U74AUC2G34	2	INVERTER	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	2.7	6.2	10	9	SOT-26
U74AVC1T45	1	TRANSCEIVER	●push-pull output/DIR pin ●Ioff supports partial-power-down mode operation	1.2	3.6	3.8	10	12	SOT-363 SOT-26
U74AUC125	4	BUFFER	●3-state output/OE pin ●Ioff supports partial-power-down mode operation	0.8	2.7	2.1	10	9	TSSOP-14
U74AUC244	8	BUFFER	●3-state output/OE pin ●Ioff supports partial-power-down mode operation	0.8	2.7	1.9	20	9	SSOP-20
U74AUP1G00	1	NAND GATE	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	3.6	4.5	0.5	4	SOT-23-5 SOT-353 DFN1010-6
U74AUP1G02	1	NOR GATE	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	3.6	4.7	0.5	4	SOT-23-5 SOT-353 X2DFN1010-6
U74AUP1G04	1	INVERTER	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	3.6	5.4	0.5	4	SOT-23-5 SOT-353 X2DFN1010-6 X2DFN0808-4
U74AUP1G06	1	INVERTER	●open-drain output ●Ioff supports partial-power-down mode operation	0.8	3.6	10.5	0.5	4	SOT-23-5 SOT-353 X2DFN1010-6
U74AUP1G07	1	BUFFER	●open-drain output ●Ioff supports partial-power-down mode operation	0.8	3.6	6.3	0.5	4	SOT-23-5 SOT-353 X2DFN1010-6 X2DFN0808-4
U74AUP1G08	1	AND GATE	●push-pull output ●Ioff supports partial-power-down mode operation	0.8	3.6	4.7	0.5	4	SOT-23-5 SOT-353 SOT-553 X2DFN1010-6 X2DFN0808-4
U74AUP1G14	1	INVERTER	●push-pull output/schmitt-trigger ●Ioff supports partial-power-down mode operation	0.8	3.6	6.2	0.5	4	SOT-25 SOT-23-5 SOT-353

Logic & Voltage Translator > 74 AUC/AUP/AVC Family

Part No.	Number of channels	Sub family	Function	Vcc(V) Min (Range)	Vcc(V) Max (Range)	tPD (nS) Max (Range)	Icc (uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
U74AUP1G32	1	OR GATE	●push–pull output ●Ioff supports partial–power –down mode operation	0.8	3.6	7	0.5	4	SOT–23–5 SOT–353 DFN1010–6 DFN1410–6
U74AUP1G38	1	NAND GATE	●open–drain output ●Ioff supports partial–power –down mode operation	0.8	3.6	12.7	0.5	–	SOT–23–5 SOT–353
U74AUP1G57	1	MULTIPLEXER	●multiplexer/schmitt–trigger ●Ioff supports partial–power –down mode operation	0.8	3.6	5.8	0.5	4	SOT–363 X1 DFN1410–6
U74AUP1G74	1	D–TYPE FLIP–FLOP	●push–pull output/CLR pin ●Ioff supports partial–power –down mode operation	0.8	3.6	7	0.5	4	DFN2030–8 CDFN2030–8 TSSOP–8
U74AUP1G86	1	XOR GATE	●push–pull output ●Ioff supports partial–power –down mode operation	0.8	3.6	4.4	0.5	4	SOT–23–5 SOT–353 DFN1010–6
U74AUP1G97	1	MULTIPLEXER	●multiplexer/schmitt–trigger ●Ioff supports partial–power –down mode operation	0.8	3.6	7.3	0.5	4	SOT–26 SOT–363
U74AUP1G126	1	BUFFER	●3–state output/OE pin ●Ioff supports partial–power –down mode operation	0.8	3.6	4.8	0.5	4	SOT–23–5 SOT–353 DFN1010–6
U74AUP1T34	1	TRANSCEIVER	●push–pull output/volage –level translator ●Ioff supports partial–power –down mode operation	0.9	3.6	4.28	5	6	SOT–23–5 SOT–353
U74AUP1T57	1	MULTIPLEXER	●multiplexer/schmitt–trigger ●Ioff supports partial–power –down mode operation ●volage–level translator	2.6	3.6	4.8	0.5	4	SOT–363
U74AUP1T157	1	MULTIPLEXER	●multiplexer/schmitt–trigger ●Ioff supports partial–power –down mode operation ●volage–level translator	2.3	3.6	4.4	0.5	4	SOT–363
U74AVC2T45	2	TRANSCEIVER	●push–pull output/DIR pin ●Ioff supports partial–power –down mode operation	1.2	3.6	2.4	10	12	SOP–8
U74AVC2T245	2	TRANSCEIVER	●3–state output/OE pin/DIR pin ●Ioff supports partial–power –down mode operation	1.2	3.6	2.7	16	12	SOP–14 QFN10–(1.8x1.4)
U74AVC4T245	4	TRANSCEIVER	●3–state output/OE pin/DIR pin ●Ioff supports partial–power –down mode operation	1.2	3.6	3.3	16	12	SOP–16 TSSOP–16
U74AVC4TD245	4	TRANSCEIVER	3–STATE	0.8	3.6	6	8	12	TSSOP–16
U74AVCH2T45	2	TRANSCEIVER	●3–state output/DIR pin ●Ioff supports partial–power –down mode operation	1.2	3.6	2.1	10	12	SOP–8

Logic & Voltage Translator > 74 CBT Family / 7SH Family

Part No.	Number of channels	Sub family	Function	Vcc(V) Min (Range)	Vcc(V) Max (Range)	tPD (nS) Max (Range)	Icc (uA) Max (Range)	Package
U74CBT1G125	1	SWITCH	●switch/TTL/OE pin	4	5.5	0.25	1	SOT–353
U74CBT1G384	1	SWITCH	●switch/TTL/OE pin	4	5.5	0.25	1	SOT–353
U74CBT1G385	1	SWITCH	●switch/TTL/OE pin	4	5.5	0.25	1	SOT–23–5 SOT–353
U74CBT2G125	2	SWITCH	●switch/TTL/OE pin	4	5.5	0.32	10	SOP–8 TSSOP–8
U74CBT3126	4	SWITCH	●switch/TTL/OE pin	4	5.5	0.25	3	SOP–14 TSSOP–14
U74CBT3251	1	MULTIPLEXER	●multiplexer/TTL/OE pin	4	5.5	0.25	3	SOP–16 TSSOP–16
U74CBT3251C	1	MULTIPLEXER	●multiplexer/TTL/OE pin	4	5.5	0.15	3	SOP–16
U74CBT3253	2	MULTIPLEXER	●multiplexer/TTL/OE pin	4	5.5	0.25	3	SOP–16 TSSOP–16 SSOP–16
U74CBT3253C	2	MULTIPLEXER	●multiplexer/TTL/OE pin ●Ioff supports partial–power –down mode operation	4	5.5	0.15	3	SOP–16
U74CBT3257	4	MULTIPLEXER	●multiplexer/TTL/OE pin	4	5.5	0.25	3	SOP–16 SSOP–16 TSSOP–16
U74CBT3257C	4	MULTIPLEXER	●multiplexer/TTL/OE pin ●Ioff supports partial–power –down mode operation	4	5.5	0.15	3	SOP–16 SSOP–16 TSSOP–16
U74CBT3306	2	SWITCH	●switch/TTL/OE pin	4	5.5	0.25	3	SOP–8 TSSOP–8
U74CBTLV1G125	1	SWITCH	●switch/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	0.25	10	SOT–25 SOT–353 SOT–553
U74CBTLV3125	4	SWITCH	●switch/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	0.25	10	TSSOP–14
U74CBTLV3126	4	SWITCH	●switch/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	0.25	10	SSOP–16 TSSOP–14 QFN–14(2.5 × 3.0)
U74CBTLV3245	8	SWITCH	●switch/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	0.25	20	TSSOP–20
U74CBTLV3251	1	MULTIPLEXER	●multiplexer/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	0.25	10	SSOP–16 TSSOP–14
U74CBTLV3253	2	MULTIPLEXER	●multiplexer/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	0.25	10	SOP–16 SSOP–16 TSSOP–14
U74CBTLV3257	4	MULTIPLEXER	●multiplexer/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	0.25	10	SSOP–16 TSSOP–14
U74CB3Q3244	8	SWITCH	●switch/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	0.2	2000	TSSOP–20
U74CB3Q3245	8	SWITCH	●switch/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	0.2	2000	TSSOP–20
U74CB3Q3257	4	SWITCH	●switch/OE pin ●Ioff supports partial–power –down mode operation	2.3	3.6	7.8	2000	TSSOP–16
U7SH00	1	NAND GATE	●push pull output	2	5.5	7.5	2	SOT–23–5 SOT–353
U7SH02	1	NOR GATE	●push pull output	2	5.5	10	2	SOT–25 SOT–353
U7SH08	1	AND GATE	●push pull output	2	5.5	7.9	2	SOT–25 SOT–353
U7SH32	1	OR GATE	●push pull output	2	5.5	8.5	2	SOT–25 SOT–353

Logic & Voltage Translator > High Voltage CD/TC/UCD40XX/UTC40XX Family

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
CD4069	6	INVERTER	●push-pull output	3	15	50	4	1	DIP-14 SOP-14
CD4541	1	PROGRAMMABLE TIMER	●push-pull output	3	15	200	80	1	DIP-14 SOP-14 TSSOP-14
TC4069	6	INVERTER	●push-pull output	3	20	50	1	1	DIP-14 SOP-14 TSSOP-14
UCD4001B	4	BUFFER	●push-pull output	3	15	70	1	1	DIP-14 SOP-14 TSSOP-14
UCD4002B	2	NOR GATE	●push-pull output	3	18	90	1	1	DIP-14 SOP-14 TSSOP-14
UCD4011B	4	BUFFER	●push-pull output	3	15	90	1	1	DIP-14 SOP-14 TSSOP-14
UCD4014B	1	REGISTER	●open-drain output	3	18	120	20	-	DIP-16 SOP-16 TSSOP-16
UCD4015B	2	REGISTER	●push-pull output	3	18	120	20	1	DIP-16 SOP-16 TSSOP-16
UCD4021B	1	REGISTER	●open-drain output	3	18	120	20	1	DIP-16 SOP-16 TSSOP-16
UCD4023B	3	NAND GATE	●push-pull output	3	15	50	1	1	SOP-14 TSSOP-14
UCD4024B	1	DIVIDER	●push-pull output ●RESET pin	3	18	130	20	1	DIP-14 SOP-14
UCD4028B	1	DECODER	●push-pull output	3	15	180	20	1	DIP-16 SOP-16
UCD4043B	4	NOR R/S LATCHE	●3-state output/OE pin	3	18	100	20	1	DIP-16 SOP-16
UCD4049B	6	BUFFER	●push-pull output	3	15	50	4	1	SOP-16 TSSOP-16
UCD4050B	6	BUFFER	●push-pull output	5	15	60	4	1	SOP-16 TSSOP-16
UCD4060B	1	DIVIDER	●open-drain output ●schmitt trigger/RESET pin	3	18	200	20	-	SOP-16 TSSOP-16
UCD4066	4	SWITCH	●switch	3	15	25	4	-	DIP-14 SOP-14 TSSOP-14
UCD4073B	3	AND GATE	●push-pull output	3	18	100	1	1	DIP-14 SOP-14 TSSOP-14
UCD4075B	3	OR GATE	●push-pull output	3	18	100	1	1	DIP-14 SOP-14 TSSOP-14
UCD4076	4	D-type flip-flops	● Three-state outputs ● Input disabled without gating the clock	3	18	180	100	6.8	SOP-16
UCD4070B	4	XOR GATE	●push-pull output	3	18	100	5	1	DIP-14 SOP-14 TSSOP-14
UCD4071B	4	OR GATE	●push-pull output	3	15	70	1	1	SOP-14
UCD4077B	4	NOR GATE	●push-pull output	3	18	100	5	1	SOP-14
UCD4081B	4	AND GATE	●push-pull output	3	15	70	1	1	DIP-14 SOP-14 TSSOP-14
UCD40106B	6	INVERTER	●push-pull output ●schmitt-trigger	3	18	120	4	1	DIP-14 SOP-14 TSSOP-14

Logic & Voltage Translator > High Voltage CD/TC/UCD40XX/UTC40XX Family

Part No.	Number of channels	Sub family	Function	V_{CC}(V) Min (Range)	V_{CC}(V) Max (Range)	t_{PD}(nS) Max (Range)	I_{CC}(uA) Max (Range)	Output Driver Iout(mA)Max (Range)	Package
UCD4S70B	1	XOR GATE	●push-pull output	3	18	100	4	1	SOT-25
UTC4013	2	D-TYPE FLIP-FLOP	●push-pull output	3	18	90	4	1	SOP-14 TSSOP-14 DIP-14
4066	4	SWITCH	●switch	3	15	25	4	40	DIP-14 SOP-14 TSSOP-14

Logic & Voltage Translator > Voltage Translator & Level Shifter

Part No.	Number of channels	Sub family	V_{CC}A(V) Min (Range)	V_{CC}A(V) Max (Range)	Data rate (Mbps)Max (Range)	I_{CC}(uA) Max (Range)	Vout(V) Min	Vout(V) Max	Output Driver Iout(mA)Max (Range)	Package
UCA9306	2	Bidirectional Translator	1.2	3.3	0.4	5	-	-	64	SOP-8 MSOP-8 CDFN2030-8
UCA9617	2	Bidirectional Translator	0.8	5.5	1	50	0.6	-	13	SOP-8 MSOP-8
UVXS0102	2	Auto-direction voltage translators	1.65	3.6	24	2.4	0.6	3.69	1	SOP-8 CDFN2030-8 MSOP-8
UTXB0101	1	Auto-direction voltage translators	1.2	3.6	100	3	0.4	Vcc-0.4	0.02	SOT-26
UTXB0102	2	Auto-direction voltage translators	1.2	3.6	100	3	0.4	Vcc-0.4	0.02	SOP-8 MSOP-8 CDFN2030-8
UTXB0104	4	Auto-direction voltage translators	1.2	3.6	100	5	0.4	Vcc-0.4	0.02	SOP-14 TSSOP-14
UTXB0106	6	Auto-direction voltage translators	1.2	3.6	100	5	0.4	Vcc-0.4	0.02	TSSOP-16
UTXB0108	8	Auto-direction voltage translators	1.2	3.6	100	5	0.4	Vcc-0.4	0.02	TSSOP-20
UNTB0102	2	Auto-direction voltage translators	1.2	3.6	80	20	0.4	Vcc-0.4	0.02	SOP-8
UTXS0101	1	Auto-direction voltage translators	1.65	3.6	24	2.4	0.4	Vccx0.67	1	SOT-26
UTXS0102	2	Auto-direction voltage translators	1.65	3.6	24	2.4	0.4	Vccx0.67	1	SOP-8
UTXS0104	4	Auto-direction voltage translators	1.65	3.6	24	2.4	0.4	Vccx0.8	1	SOP-14 TSSOP-14 QFN-14(3.5×3.5)
UTXS0108	8	Auto-direction voltage translators	1.4	3.6	50	2	0.55	Vccx0.67	0.4	TSSOP-20
UNTS0104	4	Auto-direction voltage translators	1.65	3.6	50	15	0.4	Vccx0.67	1	SOP-14 TSSOP-14
ULSF0101	1	Auto-direction voltage translators	0.95	4.5	100	6	-	-	64	SOT-26

Logic & Voltage Translator > Voltage Translator & Level Shifter

Part No.	Number of channels	Sub family	VccA(V) Min (Range)	VccA(V) Max (Range)	Data rate (Mbps)Max (Range)	Icc(uA) Max (Range)	Vout(V) Min	Vout(V) Max	Output Driver Iout(mA)Max (Range)	Package
ULSF0102	2	Auto-direction voltage translators	0.95	3.3	100	6	-	-	64	SOP-8 CDFN2030-8 MSOP-8
ULSF0108	8	Auto-direction voltage translators	0.95	3.3	100	6	-	-	64	TSSOP-20
ULSF0204/D	4	Auto-direction voltage translators	0.8	4.5	100	3.5	-	-	64	SOP-14 TSSOP-14
2N7001	1	Volage-level translator	1.65	3.6	-	8	0.1	Vcc-0.1	12	SOT-353

Hall Effect Switch > Hall Sensor

Part No.	Vcc(MIN) (V) (Range)	Vcc(MAX) (V) (Range)	Icc(mA) (Range)	Pole detection	Output Type	Operating Temperature(℃)	Bop Max (gauss)	Brp Min (gauss)	Bhys TYP(gauss)	Package
UHE4913	2.4	5.5	0.02	Omnipolar	open-drain	-40 to 85	50 -50	12 -12	16	SOT-23 SIP-3
UH8100	2.5	5.5	0.01/0.5	Unipolar	open-drain	-40 to 85	60	10	10	SOT-23
UH8102	2.4	5.5	0.02	Omnipolar	open-drain	-40 to 85	70	1	10	SIP-3 SOT-23
UH8103	2.5	5.5	0.01	Omnipolar	open-drain	-40 to 85	75 -75	10 -10	15	SOT-23 SIP-3
UH8104	2.5	5.5	0.01	Omnipolar	open-drain	-40 to 85	60 -60	10 -10	10	SIP-3 SOT-23
UH8105	2.5	5.5	0.01	Omnipolar	push-pull	-40 to 85	45 -45	10 -10	10	SIP-3 SOT-23
UH8108	2.8	5.5	0.003	Omnipolar	push-pull	-40 to 85	110 -110	20 -20	15	SOT-23
UH8111	2.5	5.5	0.006	Unipolar	push-pull	-40 to 85	45	3	9	SOT-23
UH8118	2.2	5.5	0.006	Omnipolar	push-pull	-40 to 85	40 65	6 8	5 7	SOT-23
SK1812	2.5	20	6	Bipolar	open-drain	-20 to 125	50	-50	100	SIP-3 SOT-23
SK1816	-	20	10	Bipolar	open-drain	-30 to 125	50	-50	100	SIP-3 SOT-23
SK1816A	2.5	20	10	Bipolar	pull-up	-30 to 125	50	-50	55	SIP-3 SOT-23
SK1901	2.5	20	10	Unipolar	open-drain	-20 to 125	100	10	45	SIP-3 SOT-23 TSOT-23
SK1826	3.6	24	6	Bipolar	open-drain	-30 to 125	50	-50	100	SIP-3 SOT-23
UHS39	3.0	6.5	8	Linear	-	-40 to 85	-	-	-	SOT-23
UHS49	3	6.5	8	Linear	-	-40 to 85				SIP-3
USS30A	4.5	28	10	Bipolar	open-drain	-30 to 125	110	-110	220	SOT-23
USS40	4.5	24	10	Bipolar	open-drain	-40 to 125	70	-70	130	SIP-3
USS40A	4.5	28	10	Bipolar	open-drain	-30 to 125	110	-110	220	SIP-3
USS50A	4.5	28	10	Bipolar	open-drain	-30 to 125	110	-110	220	SOT-89
SK8552	3	20	5	Omnipolar	pull-up	-20 to 125	100 -100	20 -20	-	SIP-3 SOT-25
SK8509	4	7	10	Linear	-	-20 to 85	-	-	-	SIP-3 SOT-23
U3144	4	24	9	Unipolar	open-drain	-40 to 85	350	50	25	SOT-89
UHS41	4.5	24	10	Bipolar	open-drain	-40 to 125	70	-70	75	SIP-3 SOT-23
UHS351	3	28	9	Omnipolar	open-drain	-40 to 150	135 -135	10 -10	35	SOT-23

Hall Effect Switch > Hall Sensor

Part No.	Vcc(MIN) (V) (Range)	Vcc(MAX) (V) (Range)	Icc(mA) (Range)	Pole detection	Output Type	Operating Temperature(℃)	Bop Max (gauss)	Brp Min (gauss)	Bhys TYP(gauss)	Package
UH495	4.5	10.5	8.7	Linear	-	-40 to 150				SIP-3
UH4921	-	24V	15	DYNAMIC DIFFERENTIAL	open-drain	150	-	-	-	SIP-4
USS443	4.5	24	10	Unipolar	open-drain	-40 to 125	180	150	50	SOT-89
UHC288	2.5	26	5	Omnipolar	pull-up	-40 to 85	±85 ±110	±15 ±30	20	SIP-3 SOT-23 SOT-25
UHC288C	2.5	26	5	Omnipolar		-40 to 85	540 -540	230 -230	40	SIP-3 SOT-23
UHC188	2.8	32	4.5	Bipolar	open-drain	-40 to 125	40 60	-5	40 70	SOT-23 SIP-3
UHC177	3.3	20	4.5	Bipolar	open-drain	-40 to 85	40 60	-5	40 70	SOT-23 SIP-3
SK1816M	3.6	20	6	Bipolar	open-drain	-30 to 125	50 50	-50 -50	100 100	SIP-3 SOT-23
U349	4.5	24	9	Unipolar	open-drain	-40 to 85	460	135	100	SOT-23 SOT-89

Hall Effect Switch > Hall Dc Fan Motor Driver

Part No.	Vcc(MIN) (V) (Range)	Vcc(MAX) (V) (Range)	Phase	Iout (mA)	Operating Temperature(℃)	Bop Max (gauss)	Brp Min (gauss)	Bhys TYP(gauss)	Package
UH211	3.7	20	Two	500mA	-20 to 85	60 90 100	-60 -90 -100	120	SIP-4
UH266	4	28	Two	400mA	-20 to 85	70 100	-70 -100	80(Typ) 80(Typ)	SIP-4
UH457	4	28	Single	300mA	-40 to 85	50	-50	50	SIP-4
UH288F	4	28	Two	300mA	-40 to 85	50	-50	60(Typ)	SIP-4
UH288R	4	28	Two	300mA	-40 to 85	50	-50	60(Typ)	SIP-4
UH447	4.5	30	Two	350mA	-40 to 85	50	-50	50	SIP-4
UHC1377	3.5	20	Two	600mA	-40 to 85	50	-50	50(Typ)	SIP-4
UHC1477	2.3	36	Single	450mA	-40 to 125	45	-45	80	SIP-4
UH255	1.8	5.5	Single	500mA	-20 to 105	25(Typ)	-25(Typ)	50(Typ)	SOT-26
UH200	2	20	Two	450mA	-20 to 85	65 80 100	-65 -80 -100	130 160 200	SIP-4
UH210	2.8	20	Two	450mA	-20 to 100	65 80	-65 -80	130 160	SIP-4
319	3	20	Single	300mA	0 to 85	45 65 90	-45 -65 -90	-	SIP-4
UH276	3	20	Two	400mA	-20 to 85	50 70 100	-50 -70 -100	100 140 200	SIP-4
UH277	3	20	Two	300mA	-20 to 85	50 70 100	-50 -70 -100	100 140 200	SIP-4
UH477	3	20	Single	300mA	0 to 85	45 65 90	-45 -65 -90	-	SIP-4
UH378	3.6	20	Two	20mA	-20 to 85	50 70 100	-50 -70 -100	100 140 200	SIP-4
H1277	3.6	20	Two	500mA	-20 to 85	60 90 110	-60 -90 -110	120 180 220	SIP-4
UHC477	3	20	Single	300mA	-40 to 85	45	-45	50	SIP-4
UHC479	3.5	20	Single	400mA	-40 to 85	50	-50	50	SIP-4

Transistor Array > Darlington Driver

Part No.	Output Voltage(V) (Range)	Channel (Range)	Iout(Max) (mA) (Range)	Package
ULN2001	50.0	3	500	DIP-8 SOP-8
ULN2001LC	50.0	3	100	DIP-8 SOP-8
ULN2003	50.0	7	500	DIP-16 SOP-16 TSSOP-16
ULN2003R	50.0	7	500	SOP-16
ULN2003M	50.0	7	500	DIP-16 SOP-16 TSSOP-16
ULN2004	50.0	7	500	DIP-16 SOP-16
ULN2012	50.0	7	600	SOP-16
ULN2803	50.0	8	500	DIP-18 SOP-18 SOP-20 TSSOP-20
ULN2804	50.0	8	500	DIP-18 SOP-18
62783	50.0	8	500	DIP-18 SOP-18 SOP-20 TSSOP-20
62783-F	50.0	8	500	DIP-18 SOP-18 SOP-20 TSSOP-20
62784	50.0	8	500	SOP-18
ULN202L05	50.0	4	500	SOP-14
ULN2018	50.0	4	100	SOP-16
ULN2020	50.0	4	100	SOP-16
ULN202	50.0	4	500	MSOP-10
ULD2003	50.0	7	500	SOP-16
ULN62381	15.0	8	500	SOP-18
ULN2068B	50.0	4	1500	SOP-16 DIP-16
ULM3086	15	5	-	SOP-14

Interface > RS-232 Transceiver

Part No.	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	Drivers per package	Receivers per package	Data rate (Max)(kbps)	Vout (Typ) (V)	Package
75185	4.5	5.5	3	5	120	7.5	DIP-20 SOP-20 SSOP-20N TSSOP-20
75323	4.5	5.5	5	3	120	7.5	DIP-20 SOP-20
75232	4.5	5.5	3	5	120	7.5	DIP-20 SOP-20 SSOP-20N TSSOP-20
UT213	4.5	5.5	4	5	120	5.4	SOP-28 SSOP-28
UT232E	3.3	5.5	2	2	120	6	DIP-16 SOP-16 SSOP-16
UTRS3202	3	5.5	2	2	150	5.4	SOP-16 TSSOP-16
UT3221/E	3	5.5	1	1	250	5.4	TSSOP-16 SSOP-16
UT3222	3	5.5	2	2	150	5.4	TSSOP-20 SSOP-20N
UT3223	3	5.5	2	2	150	5.4	TSSOP-20 SSOP-20N
UTRS3227	3	5.5	1	1	250	5.4	SSOP-16 TSSOP-20
UT3232	3	5.5	2	2	250	5.4	SOP-16 SSOP-16 SSOP-16N TSSOP-16
UTRS3238	3.3	5	5	3	250	5	TSSOP-28
UT3243A	3	5.5	3	5	120	5.4	SSOP-28 TSSOP-28 QFN-32(5 × 5)
UT5232	3	5.5	3	5	120	5.4	SSOP-28 TSSOP-28 QFN-32(5 × 5)

Interface > RS-485 & RS-422 Transceiver

Part No.	Vcc(V)	Duplex	Data Rate (Max)(kbps)	Number of nodes	Package
UTRS458	5	Half	0.5	256	SOP-8
UTRS485	5	Half	4.5	32	DIP-8 SOP-8
UTRS3080	5	Full	0.5	256	SOP-14
UTRS3082	5	Half	0.15	256	SOP-8
UTRS3085	5	Half	2.5	256	DIP-8 SOP-8
UTRS3088	5	Half	1.0	256	SOP-8

Interface > CAN Bus

Part No.	Vcc(V)	Number of channels	DC Voltage at Pins 6 and 7	Signaling rate (Max) (Mbd)	Package
UCA82C250	5	1	-8.0 ~ +18	1	SOP-8
UCA82C251	5	1	-36 ~ +36	1	SOP-8

Interface > Other Interface

Part No.	Vcc(V)	Package
URCZ1284-XX	5.0	QSOP-28 SSOP-28
LS3718	5.0	SOP-28
UTDA8024	3.3	TSSOP-28
UDS90LV011	3.3V	SOT-25

Other Application IC > Motor Driver

Part No.	Function	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	VM(MIN)(V) (Range)	VM(MAX)(V) (Range)	IOUT (MAX)(A) (Range)	Function	Package
F6908	Motor drivers	3	14	-	-	0.7	LD	SOP-8 HSOP-8 MSOP-8
F1962	Motor drivers	3.8	16.8	-	-	0.5	FG	MSOP-10 SSOP-10
F2961	Motor drivers	4.5	16	-	-	1	FG RD	SSOP-16 TSSOP-16 TSSOP-20 DFN4030-14
F2962	Motor drivers	4.5	16	-	-	2	FG RD	TSSOP-16 TSSOP-20
SK1288	Motor drivers	2.5	20	-	-	0.6	FG	SOP-8
UF2768	Motor drivers	1.8	6	-	-	0.4	FG	MSOP-10 DFN3030-10
F6406/G	Motor drivers	2.5	30	-	-	0.08	Controller FG RD	SOP-8
UA9406-UA9406G	Motor drivers	4	28	-	-	0.07	Controller FG RD	SOP-8 MSOP-8
UM2640	Motor drivers	4	55	-	-	0.03	Controller LA	SOP-8 MSOP-8
F1836	Motor drivers	2.5	9	1.8	9	1	-	SOP-14
F1862	Motor drivers	3.8	16.8	-	-	0.8	RD	SSOP-10
UMD9111	Motor drivers	-	5	-	9.6	0.8	-	SOP-8
UMD9113	Motor drivers	-	5	-	7	1.8	-	DIP-8
UMD9114	Motor drivers	2.5	5	-	-	0.55	-	SOT-26
UMD9115	Motor drivers	-	5	-	18	0.2	-	SOP-8
UMD9120	Motor drivers	2.1	6.8	-	-	1	-	SOP-8
UH251	Motor drivers	1.5	5.5	1.5	5.5	0.75	-	SOP-8
FC8779	Motor drivers	2.2	6	-	-	1	FG	MSOP-8
F2867-F/F2867-R	Motor drivers	5.5	16	-	-	0.02	Controller FG RD	TSSOP-16 SSOP-16
F2967	Motor drivers	6	16	-	-	0.05	Controller FG RD	TSSOP-20 SSOP-20
F2970	Motor drivers	4.5	16	3.5	16	1.2	FG	SOP-18
UMD9124	Motor drivers	2.5	5	-	-	0.55	-	SOT-26
UMD9124A	Motor drivers	2.5	5.5	-	-	0.65	-	SOT-26
UMD9116	Motor drivers	-	7	-	9.6	1.8	nSLEEP	SOP-8
UMD9148	Motor drivers	4	18	-	-	2	nSLEEP	TSSOP-16
UMD9128	Motor drivers	2.5	5	-	-	0.6	-	DFN3030-10
UMD9117	Motor drivers	2.5	5	-	-	0.55	nSLEEP	DFN2020-8
UMD9118	Motor drivers	2.4	6.5	-	-	1.5	-	SOP-8
UMD9119	Motor drivers	-	5	-	6	0.8	-	SOP-8
UMD9137	Motor drivers	1.8	7	-	11	1.8	nSLEEP	DFN2020-8 HSOP-8 SOP-8

Other Application IC > Motor Driver

Part No.	Function	Vcc(MIN)(V) (Range)	Vcc(MAX)(V) (Range)	VM(MIN)(V) (Range)	VM(MAX)(V) (Range)	IOUT (MAX)(A) (Range)	Function	Package
MD9110	Motor drivers	2.5	12	-	-	0.8	-	SOP-8
IR8511	Motor drivers	2.5	5.5	-	-	0.5	-	SOT-26
L6219	PWM Motor Driver and Controller	-	7	10	45	0.75	-	SOP-24
UA9849	CD/DVD/VCD Motor Driver	4.25	5	3	15	1.3	-	HSOP-28
UA1538	CD/DVD/VCD Motor Driver	1.5	8	-	-	0.5	-	QFP-44
UA8954	CD/DVD/VCD Motor Driver	4.3	13.2	4.3	13.2	-	-	HSOP-28
UA8868	CD/DVD/VCD Motor Driver	4.3	13.2	4.3	13.2	-	-	HSOP-28
UA8868S	CD/DVD/VCD Motor Driver	4.3	13.2	4.3	13.2	-	-	HSOP-28
UA9392	CD/DVD/VCD Motor Driver	5	10	-	-	-	-	HSOP-28
AN6650	General Purpose Motor Controller	1.8	7	-	-	1	-	DIP-8 SOP-8
AN8850	General Purpose Motor Controller	1.8	12	-	-	2	-	DIP-8
AN6651	General Purpose Motor Controller	3.5	14.4	-	-	2	-	TO-126B
1470	General Purpose Motor Controller	3.5	16	-	-	2	-	TO-126B
BA6220	General Purpose Motor Controller	3.5	16	-	-	0.2	-	DIP-8 SOP-8
BA6208	General Purpose Motor Controller	4.5	15	-	-	0.2	-	DIP-8 SOP-8 SIP-9 MSOP-8
UA9287	General Purpose Motor Controller	3.5	15	-	-	1	-	SOP-8 DIP-8
AN6652	General Purpose Motor Controller	6	20	-	-	1.5	-	TO-126B
AN6652A	General Purpose Motor Controller	6	20	-	-	1.5	-	TO-126B
UMD9127	Motor drivers	2.5	5.5	2.3	5	0.55	nSLEEP	DFN2020-8
F6908	Motor drivers	1.8	8	-	-	1		SOP-16

Other Application IC > Telecommunication Circuit & Radio Circuit

Part No.	Function	Vcc(V)	Package
LS1240A	Ringer	26	DIP-8 SOP-8
31002A	Ringer	29	DIP-8 SOP-8
TA31001	Ringer	29	DIP-8
TA31002	Ringer	29	DIP-8
TEA1098	Telephone Speech IC	12	SOP-40 SSOP-40
TEA1098A	Telephone Speech IC	12	SOP-40 SSOP-40
TEA1062N/AN	Telephone Speech IC	12	DIP-16 SOP-16
TEA1110A	Telephone Speech IC	12	DIP-14 SOP-14
L6726	Telephone Speech IC	22	DIP-18 SOP-18
L38812	Voice Switched Speaker-phone IC	3.3	DIP-18 SOP-16
MC34118	Voice Switched Speaker-phone IC	3.5 ~ 6.5	SSOP-28 SOP-28 SDIP-28 DIP-28
MC34118A	Voice Switched Speaker-phone IC	3.5 ~ 6.0	SOP-28
MC33218	Voice Switched Speaker-phone IC	2.7~6.5	DIP-24 SOP-24
MC34018	Voice Switched Speaker-phone IC	6.0~11.0	DIP-28 SOP-28 SSOP-28 SDIP-28
UA31136	For Cordless Phone	1.8~5.5	TSSOP-16
MC3361BP	For Cordless Phone	2.5~7.0	DIP-16 SOP-16 TSSOP-16
3362	For Cordless Phone	3.5~5.5	SOP-8
8507	For Cordless Phone	7.0	DIP-20 SOP-20
UTA31101	For Cordless Phone	9.0	DIP-16 SOP-16 TSSOP-16
ULA1235	For Cordless Phone	14	DIP-16 SOP-16
L2572	Radio Circuit	7.0	SOP-16
LAG665F	Radio Circuit	7.5	SOP-28
7642	Radio Circuit	6.0	TO-92 SOT-23
TA7613AP	Radio Circuit	11.0	DIP-16
A6043	Radio Circuit	12.0	SIP-9
A6225	Radio Circuit	16.0	SIP-9
BA3308	Radio Circuit	16.0	TSSOP-14 SOP-14 SIP-9
KA22241	Radio Circuit	16.0	SOP-14 SIP-9
UTC571N	Radio Circuit	6.0 ~ 18	SOP-16 SOP-16(W)
ULA1145	Radio Circuit	6.0 ~ 18	HTSSOP-20

Other Application IC > Remote Controller

Part No.	Function	Vcc(V)	Package
RCR6C	Remote Controller for Toy Car	2.4~ 4.5	DIP-18 DIP-20
RCT6	Remote Controller for Toy Car	2.0 ~ 5.0	DIP-16
RCT2E	Remote Controller for Toy Car	1.8 ~ 5.0	DIP-14 SOP-8
RCR2C	Remote Controller for Toy Car	1.8 ~ 5.0	DIP-16 SSOP-10
RCR2E	Remote Controller for Toy Car	2.0 ~ 5.0	DIP-16 SOP-16
RCR02	Remote Controller for Toy Car	2.5 ~ 5.0	DIP-16 SOP-16
RCT02	Remote Controller for Toy Car	2.5 ~ 5.0	DIP-14 SOP-14
RCR5	Remote Controller for Toy Car	2.4 ~ 4.0	DIP-22
UT912D	Decoder or Encoder IC	2.4 ~ 12.0	DIP-18 SOP-20
UT912E	Decoder or Encoder IC	2.4 ~ 12.0	DIP-14 DIP-18 SOP-16 SOP-20
M3000	Decoder or Encoder IC	3.0 ~ 5.0	SOP-16
UT8803	Decoder or Encoder IC	4.5 ~ 5.5	DIP-16
RBA5104	Remote Fan Control IC	2.2 ~ 4.0	DIP-16
RBA8206	Remote Fan Control IC	3.0 ~ 6.0	DIP-20
M30001	Decoder or Encoder IC	2.0 ~ 5.5	SOP-16

Other Application IC > Leakage Current Detector

Part No.	Features	Vcc(V)	Package
M54123B	EARTH LEAKAGE CURRENT DETECTOR	Vz=12.0V(Min)	SOP-8
M54147	CMOS LEAKAGE PROTECTION CIRCUIT	4.7~4.9	SOP-8
M54149	CMOS LEAKAGE PROTECTION CIRCUIT	4.65~4.95	SOP-14

Other Application IC > Automotive IC

Part No.	Function	Vcc(V)	Package
93334	High Energy Ignition Circuit	4.0~24.0	SOP-8
M4213	Ignition Controller of Motorcycle	9.0~9.5	DIP-14 SOP-14
UL497	Hall Effect Pickup Ignition Controller	3.5	SOP-16
UU6043B	Single Output Flasher IC for 18mohm shunt	9.0~15.0	SOP-8 DIP-8
UU4761	FLASHER IC	9.5~18.0	SOP-8 DIP-8
U2043	Flasher, Shunt, Pilot Lamp to GND or Vbatt	9.0~15.0	SOP-8 DIP-8
L2044	Dual Output Flasher	8.0~18.0	SOP-14 DIP-14
LL204	DUAL OUTPUT FLASHER	8.0~18.0	SOP-14 DIP-14
UU6032B	Automotive toggle switch IC	6.0~16.0	SOP-8 DIP-8
UU6046B	Rear window heating timer	6.0~16.0	SOP-8 DIP-8
UU6047B	Rear window heating timer	6.0~16.0	SOP-8 DIP-8
UU642	INTERVAL AND WIPE/WASH WIPER CONTROL IC	9.0~16.5	SOP-8 DIP-8
UAC33092	Alternator Voltage Regulator	11.5~16.5	SOP-20 SOP-24
UAC33092A	Alternator Voltage Regulator	11.5~16.5	SOP-20
UU4793	Overload Monitoring with Resistive Load, VT = 44.5 mV	9.0~15.0	SOP-8
UL497	Hall Effect Pickup Ignition Controller	3.5	SOP-16

Other Application IC > FET Bias Controller

Part No.	Number of Channels	Function	Vcc(V) Min	Vcc(V) Max	Icc(uA) TYP.	Icc(uA) Max	VD(V)	ID (mA)	Vsub(V)	Package
L4002	4	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	2.375	2.625	6	10	2	9.5	-2	SOP-16
L8401	4	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	3.3	6	-	10	2	10	-2.5	SSOP-16(150mil)
L8402	4	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	3	8	1	4	2	15	-2.65	QFN-16(3X3) SSOP-16
L8403	4	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	2.1	5	0.95	2	2	10	-2.0	QFN-16(3X3)
L8600	6	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	5	12	-	15	2.2	10	-3	SSOP-20(150mil)
L8602	6	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	3	8	1.6	4	2	10	-2.65	QFN-20(4X4)
L8001	6	*Built in FET device protection circuit *Stable bias control for GaAs and HEMT FETs	3.3	6	-	10	2	10	-2.5	SSOP-20(150mil)
L8002	6	* Built in FET device protection circuit * Stable bias control for GaAs and HEMT FETs	2.375	2.625	6	10	2	9.5	-2	SSOP-20(150mil)
L8020	2	* Voltage detection	5	12	-	10	-	-	-	SOP-8 MSOP-8
L8012	2	* Voltage detection * 22kHz tone detector	5	8	9	12	-	-	-	SSOP-16(150mil)
L8312	2	* Voltage detection * 22kHz tone detector	5	9	10	-	-	-	-	SSOP-16
L8200/A	4	* Integrated regulated supply for LNB * Voltage detection/22kHz tone detector * Programmable mixer and FET bias	8V	22V	2	3	1.95	9.5	-2.4	TSSOP-16 QFN-16(3x3)
L8211	3	* Three outputs that can drive up to 3 FETs * Voltage detection 22kHz tone detector	5	10	6	15	2	10	-3	SSOP-20(150mil)
L8113	3	* Three outputs that can drive up to 3 FETs * Voltage detection 22kHztone detector	5	10	-	15	2.2	10	-3	SSOP-20(150mil)

Other Application IC > FET Bias Controller

Part No.	Number of Channels	Function	Vcc(V) Min	Vcc(V) Max	Icc(uA) TYP.	Icc(uA) Max	VD(V)	ID (mA)	Vsub(V)	Package
L8115	3	* Three outputs that can drive up to 3 FETs * Voltage detection 22kHz tone detector	5	10	8.5	15	2.2	10	-2.8	SSOP-16(150mil) SSOP-20(150mil)
L8221	2	* Integrated regulated supply for LNB * Voltage detection 22kHz tone detector	8	22	2	3	2	10	-2.5	HSOP-8
LB8102	4	* Support DiSEqC 1.0/ 1.1 and Tone Burst commend	3.9	5.5	0.15	0.3	-	-	-	SOP-8

Other Application IC > Timer IC

Part No.	Function	Number of Channels	Vcc (V)Min (Range)	Vcc (V)Max (Range)	Iq (mA) (Range)	Package
C555	●Low Supply Current/ Adjustable duty cycle	1	7	15	0.6	DIP-8 SOP-8 MSOP-8
LM556	●High output source/sink drive/Adjustable duty cycle	2	4.5	16	30	DIP-14 SOP-14
NE555	● High output source/sink drive/Adjustable duty cycle	1	4.5	16	15	DIP-8 SOP-8 TSSOP-8
USA555	● High output source/sink drive/Adjustable duty cycle	1	4.5	16	15	DIP-8 SOP-8

Other Application IC > Miscellaneous

Part No.	Function	Vcc(V)	Package
L88312	SHORT CIRCUIT PROTECT BLOCK FOR LNB	8~32	SOP-8
A2804	Zero Voltage Switch	8.2	DIP-8 SOP-8
A6966	5 DOT LED Level Meter	14	SIP-9
LA2284/A	5 DOT LED Level Meter	3.0/3.5 ~ 16.0	SIP-9 MSOP-10
6621	LCD CONTROLLER	2.4~5.2	DIP-28 SSOP-48
U8C3005	8 BIT SERIAL-IN PARALLEL-OUT VALVE DRIVER	8.0~30.0	SOP-16
U8C3525	8 BIT SERIAL-IN PARALLEL-OUT VALVE DRIVER	5.0~18.0	SOP-16
U8C3060	8 CHANNEL SERIAL INTERFACE LOW-SIDE DRIVER	8~38	TSSOP-16
TL2494	CC CONTROL FOR CAR BALLAST	6.0~40.0	SOP-16
USA575	LOW VOLTAGE COMPANDOR	3.0~7.0	SSOP-20N TSSOP-20
USA575A	LOW VOLTAGE COMPANDOR	3.0~7.0	SSOP-20N TSSOP-20
UCHQ200	USB DEDICATED CHARGING PORT CONTROLLER	4.0~6.0	SOP-8
UCHQ613	USB DEDICATED CHARGING PORT CONTROLLER	4.5~5.5	SOT-26
URYD21	RELAY DRIVER	5.0~36.0	SOT-26
ULS4X2	4X2 SWITCH MATRIX WITH TONE/POLARITY CONTROLLER	3.0~4.2	QFN-20(4x4)

Other Application IC > Miscellaneous

Part No.	Function	Vcc(V)	Package
TS2043	Panel controller	2.7~3.6	SSOP-16
UEC1001	AIR FLOW INDUCTION	2.5~4.2	SOT-23-5 SOT-25 SOT-26
UEC002	AIR FLOW INDUCTION	2~5	SOT-25
UCM105	CV CONTROLLER	3.0~5.5	SOT-26
UPSS3880	THREE-RAIL SIMPLE POWER/SEQUENCER	3.3~5.5	SOT-26
UW6691	6 DIGIT LCD ALARM WATCH	1.2~1.8	Chip-On-Board
UCS221	CAPACITIVE TOUCH SENSOR	2.5~5	SOT-26
MC14511	BCD-To-Seven Segment Latch/Decoder/Driver	3~18	DIP-16 SOP-16
UM66T05L	Melody IC	1.5 ~ 4.5	TO-92
UM66T08L	Melody IC	1.5 ~ 4.5	TO-92
UM66T11L	Melody IC	1.5 ~ 4.5	TO-92
UM66T19L	Melody IC	1.5 ~ 4.5	TO-92
UM66T32L	Melody IC	1.5 ~ 4.5	TO-92
UM68T05	Melody IC	2.5 ~ 5.0	TO-92
UM68T08	Melody IC	2.5 ~ 5.0	TO-92
UM68T19	Melody IC	2.5 ~ 5.0	TO-92
15600	Melody IC	0.9 ~ 5.5	DIP-8 SOP-8
1607	Alarm /Sound Generator IC	2.0~5.0	DIP-8
1616	Alarm /Sound Generator IC	2.0~5.0	DIP-8
1617	Alarm /Sound Generator IC	2.0~5.0	DIP-8 SOP-8
1618	Alarm /Sound Generator IC	2.0~5.0	DIP-16 SOP-16
1812A/B	Alarm /Sound Generator IC	2.4~3.3	DIP-8 SOP-8
1813	Alarm /Sound Generator IC	2.4~3.3	DIP-14
T78040	Television Circuit	16.0 ~ 33.0	TO-220Z7
T78041	Television Circuit	16.0 ~ 33.0	TO-220Z7
T8172	Television Circuit	35.0	TO-220Z7
T8177	Television Circuit	10.0 ~ 35.0	TO-220Z7
AN5151	Television Circuit	12.0	DIP-28
CW574	Television Circuit	V_Z =35.0	TO-92-2
M62364	A-D or D-A Converter	2.7~3.6	SOP-24 SSOP-24(209mil)
UA2311	A-D or D-A Converter	4.75~5.25	DIP-8 SOP-8
M1725	A-D or D-A Converter	4.5~5.5	SOP-14
M4334	A-D or D-A Converter	4.75~5.5	SOP-8
7106	A-D or D-A Converter	15	DIP-40 SSOP-40 QFP-44(10x10x2.0mm)
UM62342	A-D or D-A Converter	2.7~5.5	SOP-8
UEC1003	AIR FLOW INDUCTION	3.2~4.2	SOT-25

TRIAC

Part No.	V_{DRM} (V)	$I_{T(RMS)}$ (A) (Range)	On-state VGT(V)MAX. (Range)	IGT(T2,G) MAX.mA (+,+)	IGT(T2,G) MAX.mA (+,-)	IGT(T2,G) MAX.mA (-,-)	IGT(T2,G) MAX.mA (-,+)	Package
MAC97A6	400	0.6	2	5	5	5	7	SOT-89 TO-92 SOT-223
MAC97A8	600	0.6	2	5	5	5	7	SOT-89 TO-92 SOT-223
Z00607	600	0.8	1.3	5	5	5	7	TO-92 SOT-223 SOT-223-2
UZ0103	600 800	1	1.3	3	3	3	5	SOT-223 TO-92 SOT-89
UZ0107	600 800	1	1.3	5	5	5	10	SOT-223 TO-92 SOT-89
SM2LZ47	800	2	1.5	10	10	10	-	TO-220 TO-220F TO-220F1
SM3GZ47	400	3	1.5	20	20	20	-	TO-220 TO-220F
SM3JZ47	600	3	1.5	20	20	20	-	TO-220 TO-220F
UCR2PM	800	2	2	10	10	10	-	TO-220 TO-220F
UBCR302	800	2	2	10	10	10	-	TO-220 TO-220F TO-220F1
UBCR303	800	3	1.5	30	30	30	-	TO-220 TO-220F TO-220F1
UBCR304	800	4	1.5	35	35	35	-	TO-220 TO-220F TO-220F1
UBCR308	700	8	1.5	30	30	30	-	TO-220 TO-220F TO-220F1
BTA04	400 600 700 800	4	1.5	5.0(T) 5.0(D) 10.0(S) 10.0(A)	5.0(T) 5.0(D) 10.0(S) 10.0(A)	5.0(T) 5.0(D) 10.0(S) 10.0(A)	5.0(T) 10.0(D) 10.0(S) 25.0(A)	TO-220F TO-220F1
BTA304A	600 800	4	1.5(SW) 1.3(CW)	10(SW)35(CW)	10(SW) 35(CW)	10(SW) 35(CW)	-	TO-220F
BTA06	600 800	6	1.3	25.0(C)50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	TO-220F
BTA306A	600 800	6	1.3	5.0(TW)10.0(SW) 35.0(CW)50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	-	TO-220F
BTA308A	600 800 1000	8	1.3	5.0(TW)10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	-	TO-220F TO-220F1
BTA08	600 800	8	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	TO-220F TO-220F1
BTA10	600 800	10	1.3	25.0(C) 50.0(B)	25.0(C)50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	TO-220F
BTA310A	600 800	10	1.3	35.0(CW) 50.0(BW)	35.0(CW)50.0(BW)	35.0(CW) 50.0(BW)	-	TO-220F
BTA12	600 800	12	1.3	25.0(C) 50.0(B)	25.0(C)50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	TO-220F
BTA312A	600 800	12	1.3	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW)10.0(SW) 35.0(CW)50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	-	TO-220A TO-220F TO-220F1
BTA16	600 800	16	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C) 50.0(B)	50.0(C) 100.0(B)	TO-220F
BTA316A	600 800	16	1.3	10.0(SW) 35.0(CW) 50.0(BW)	10.0(SW) 35.0(CW) 50.0(BW)	10.0(SW) 35.0(CW) 50.0(BW)	-	TO-220F TO-220F1
BTA320A	600 700	20	1.5	35.0(CW) 50.0(BW)	35.0(CW)50.0(BW)	35.0(CW) 50.0(BW)	-	TO-220F
BTA324A	600 800	25	1.3	35.0(CW) 50.0(BW)	35.0(CW)50.0(BW)	35.0(CW) 50.0(BW)	-	TO-220F
BTA25	600 800	25	1.3	50	50	50	100	TO-220(Isolated) TO-3P(Isolated) TO-220F TO-3PML
BTB04	400 600 800	4	1.5	5.0(T)5.0(D) 10.0(S) 10.0(A)	5.0(T)5.0(D) 10.0(S)10.0(A)	5.0(T) 5.0(D) 10.0(S)10.0(A)	5.0(T) 10.0(D) 10.0(S) 25.0(A)	TO-220 TO-251 TO-252D TO-126
BTB304A	400 600/800	4	1.5	10	10	10	-	TO-220 TO-251 TO-252 TO-252D
BTB06	600 800	6	1.3	25.0(C) 50.0(B)	25.0(C) 50.0(B)	25.0(C)50.0(B)	50.0(C) 100.0(B)	TO-220
BTB306A	600 800	6	1.3	5.0(TW)10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW)50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	-	TO-220

TRIAC

Part No.	V_{DRM} (V)	$I_{T(RMS)}$ (A) (Range)	On-state VGT(V)MAX. (Range)	IGT(T2,G) MAX.mA (+,+)	IGT(T2,G) MAX.mA (+,-)	IGT(T2,G) MAX.mA (-,-)	IGT(T2,G) MAX.mA (-,+)	Package
BTB08	600 800	8	1.3	25.0(C)50.0(B)	25.0(C) 50.0(B)	25.0(C)50.0(B)	50.0(C)100.0(B)	TO-220
BTB308A	600 800 1000	8	1.3	5.0(TW) 10.0(SW) 35.0(CW)50.0(BW)	5.0(TW) 10.0(SW) 35.0(CW) 50.0(BW)	5.0(TW)10.0(SW) 35.0(CW)50.0(BW)	-	PDFN5 × 6 TO-220 TO-263 TO-252
BTB10	600 800	10	1.3	25.0(C)50.0(B)	25.0(C)50.0(B)	25.0(C) 50.0(B)	50.0(C)100.0(B)	TO-220
BTB310A	600 800	10	1.3	35.0(CW)50.0(BW)	35.0(CW)50.0(BW)	35.0(CW) 50.0(BW)	-	TO-220
BTB12	600 800	12	1.3	25.0(C)50.0(B)	25.0(C)50.0(B)	25.0(C) 50.0(B)	50.0(C)100.0(B)	TO-220 TO-263
BTB16	600 800	16	1.3	25.0(C)50.0(B)	25.0(C)50.0(B)	25.0(C) 50.0(B)	50.0(C)100.0(B)	TO-220
BTB316A	600 800	16	1.3	10.0(SW) 35.0(CW)50.0(BW)	10.0(SW) 35.0(CW) 50.0(BW)	10.0(SW) 35.0(CW)50.0(BW)	-	TO-220 TO-263 TO-262
BTB320A	600 700	20	1.5	35.0(CW)50.0(BW)	35.0(CW) 50.0(BW)	35.0(CW) 50.0(BW)	-	TO-220
BTB25	600 800	25	1.3	50	50	50	100	TO-220
BTB24	600 800	25	1.3	50	50	50	100	TO-220
BTB324A	600 800	25	1.3	35(CW) 50(BW)	35(CW)50(BW)	35(CW) 50(BW)	-	TO-220 TO-3P
BTB41	600 800	40	1.3	50	50	50	100	TO-247 TO-3P
U12JZ47	400 600	12	1.5	30	30	30	-	TO-220F
U12JZ47A	400 600	12	1.5	20	20	20	-	TO-220F
UCR316CM	400 600	16	1.5	30	30	30	-	TO-220 TO-220F
UCR316CMA	400 600	16	1.5	20	20	20	-	TO-220 TO-220F
UT131	500 600 800	1	1.5	3	3	5	7	TO-92 SOT-89 SOT-223
UT134E	500 600 800	4	1.5	10	10	10	25	TO-126
UT134F	500 600 800	4	1.5	25	25	25	70	TO-126 TO-220
UT134G	500 600 800	4	1.5	50	50	50	100	TO-126 TO-220
UT234D-6	600	4	1.5	5	5	5	10	TO-220 TO-252
UT234D-8	800							

TRIAC

Part No.	V_{DRM} (V)	$I_{T(RMS)}$ (A) (Range)	On-state VGT(V)MAX. (Range)	IGT(T2,G) MAX.mA (+,+)	IGT(T2,G) MAX.mA (+,-)	IGT(T2,G) MAX.mA (-,-)	IGT(T2,G) MAX.mA (-,+)	Package
UT136E	500/600/800	4	1.5	10	10	10	25	TO-220 TO-252
UT136F	500/600/800	4	1.5	25	25	25	70	TO-220 TO-252
UT136G	500/600/800	4	1.5	50	50	50	100	TO-220 TO-252
UT136FE	500/600/800	4	1.5	10	10	10	25	TO-220F
UT136FF	500/600/800	4	1.5	25	25	25	70	TO-220F
UT136FG	500/600/800	4	1.5	50	50	50	100	TO-220
UT137E	500/600/800	8	1.5	10	10	10	25	TO-220 TO-252 TO-263
UT137F	500/600/800	8	1.5	25	25	25	70	TO-220
UT137G	500/600/800	8	1.5	50	50	50	100	TO-220
UT137FE	500/600/800	8	1.5	10	10	10	25	TO-220F
UT137FF	500/600/800	8	1.5	25	25	25	70	TO-220 TO-220F
UT137FG	500/600/800	8	1.5	50	50	50	100	TO-220 TO-220F
UT138E	500/600/800	12	1.5	10	10	10	25	TO-220 TO-263
UT138F	500/600/800	12	1.5	25	25	25	70	TO-220
UT138G	500/600/800	12	1.5	50	50	50	100	TO-220
UT138FE	500/600/800	12	1.5	10	10	10	25	TO-220F
UT138FF	500/600/800	12	1.5	25	25	25	70	TO-220F
UT138FG	500/600/800	12	1.5	50	50	50	100	TO-220F
UT139	600/800	16	1.5	35	35	35	70	TO-220
UT139E	600/800	16	1.5	10	10	10	25	TO-220
UT139F	600/800	16	1.5	25	25	25	70	TO-220
UT139G	600/800	16	1.5	50	50	50	100	TO-220
UT137	600/800	8	1.5	35	35	35	70	TO-220
BTB312A	600/800	12	1.3	5(T)10(S) 35(C)50(B)	5(T)10(S) 35(C)50(B)	5(T)10(S) 35(C)50(B)	-	TO-220 TO-263

SCR

Part No.	V_{DRM} (V)	$I_{T(RMS)}$ (A) (Range)	I_{GM} (A)	$P_{G(AV)}$ (W)	VGT(V) MAX. (Range)	IGT(mA) TYP. (Range)	Package
2N6027	40	0.15	0.05	-	-	-	TO-92 SOT-89
PCR406	300/400	0.8	0.1	0.15	0.8	-	TO-92
MCR08	200/600	0.8	-	0.01	0.8	-	SOT-89 TO-92 SOT-223
MCR100	200/400/600/800	0.8	1	0.01	0.8	0.04	SOT-89 SOT-23 TO-92 SOT-223
MCR101	200/400/600	0.8	1	0.1	0.8	0.04	TO-92
BT169	200(B) 400(D) 500(E) 600(G) 800(H)	0.8	1	0.1	0.8	-	SOT-23 SOT-89 TO-92 SOT-223
MCR106	400/600	4	0.2	0.1	1	-	TO-126 SOT-223 TO-126S TO-220F TO-252
US104S	400/600/800	4	1.2	0.2	0.8	-	TO-220 TO-220F TO-220F1 TO-126
US104N	400/600/800	4	1.2	0.2	1.3	-	TO-220 TO-220F TO-220F1 TO-126
US108S	400/600/800	8	4	1	0.8	-	TO-220 TO-220F TO-252 TO-263-3
US108N	400/600/800	8	4	1	1.3	-	TO-220 TO-220F TO-252 TO-263-3
US112S	400/600/800	12	4	1	0.8	-	TO220 TO220F
US112N	400/600/800	12	4	1	1.3	-	TO220 TO220F
CR03AM-12	600	0.47	0.3	0.1	0.8	-	TO-92
CR03AM-16	800	0.47	0.3	0.1	0.8	-	TO-92 SOT-223
X0202	600	1.25	1.2	0.2	0.8	-	SOT-223 TO-92 SOT-223-2 TO-252
X0202A	800	1.25	1.2	0.2	0.8	-	SOT-223 SOT-223-2 TO-92 TO-252
X0202B	1000	1.25	1.2	0.2	0.8	-	SOT-223 SOT-223-2 TO-92 TO-252
USS120	700	2	1	0.1	1	-	TO-220F
X0405	600/800	4	1.2	0.2	0.8	-	TO-220 TO-220F1 TO-252 SOT-223 TO-92
BT150	500/650/800	4	2	0.5	1.5	0.015	TO-220
BT151	500/650/800	12	2	0.5	1.5	2	TO-252 TO-252D TO-220 TO-220F1
BT152	450/650/800	20	5	0.5	1.5	3	TO-220 TO-220F
US650	600	40	4	1	1.3	-	TO-220

Diode > Trench MOS Schottky Diode

Part No.	Configuration	V_{RRM} (V) (Range)	$I_{F(AV)}$ (A) (Range)	I_{FSM} (A)	V_F(Max) (V) (Range)	I_R(Max) (uA)	Package
TGBR5U40	Single	40	5	120	0.45	500	PDFN5 × 6
TGBR5L45	Single	45	5	90	0.58	300	TO-252
TGBR5V45	Single	45	5	150	0.55	500	TO-220 TO-277
TGBR5U45	Single	45	5	120	0.48	500	TO-252
TGBR15U45	Single	45	15	250	0.5	500	TO-252 TO-263 TO-277
TGBR10L45	Single	45	10	310	0.6	300	TO-277
TGBR10S45	Single	45	10	120	0.54	200	TO-220-2
TGBR10U45	Single	45	10	200	0.47	300	TO-263 TO-252
TGBR20L45	Single	45	20	250	0.59	300	TO-220 TO-220F TO-220F3
TGBR20S45	Single	45	20	200	0.52	300	R-6
TGBR30L45	Single	45	30	200	0.63	300	TO-220 TO-220F TO-220F3
TGBR30V45	Single	45	30	200	0.7	500	TO-220 TO-220F TO-263
TGBR30S45	Single	45	30	200	0.65	500	TO-220 TO-220F
TGBR30U45	Single	45	30	260	0.55	100	TO-220 TO-220F SMC
TGBR5L50	Single	50	5	90	0.55	300	TO-252
TGBR5V50	Single	50	5	100	0.56	300	TO-252
TGBR5S50	Single	50	5	100	0.5	500	TO-252
TGBR10S50	Single	50	10	120	0.56	200	TO-220-2
TGBR30S50	Single	50	30	360	0.6	300	TO-263
TGBR30U50	Single	50	30	380	0.56	50	TO-263
TGBR4L60	Single	60	4	25	0.52	150	PDFN3 × 3
TGBR5L60	Single	60	5	100	0.63	300	TO-252
TGBR5V60	Single	60	5	100	0.58	300	TO-252
TGBR5S60	Single	60	5	100	0.5	500	TO-252
TGBR5U60	Single	60	5	120	0.48	500	TO-252
TGBR10S60	Single	60	10	150	0.5	100	TO-252 TO-220 TO-220F TO-277
TGBR20U60	Single	60	20	120	0.58	500	PDFN5×6
TGBR30L60	Single	60	30	220	0.65	300	TO-251 TO-252 TO-220 TO-220F
TGBR30V60	Single	60	30	220	0.6	300	TO-220 TO-220F
TGBR10S80	Single	80	10	150	0.75	150	TO-251
TGBR10U80	Single	80	10	150	0.7	300	TO-252
TGBR20U80	Single	80	20	120	0.82	300	TO-252
TGBR30S80	Single	80	30	250	0.75	300	TO-220 TO-220F
TGBR3S100	Single	100	3	130	0.93	10.5	DO-201AD
TGBR5L100	Single	100	5	55	0.78	200	TO-220 TO-220F PDFN5 × 6 TO-277 TO-220F1
TGBR5V100	Single	100	5	150	0.64	300	DO-201AD
TGBR5S100	Single	100	5	150	0.6	300	DO-201AD TO-277 TO-220F1
TGBR10L100	Single	100	10	200	0.8	100	TO-252 TO-220 TO-220F TO-220F1 TO-277
TGBR10V100	Single	100	10	150	0.75	100	TO-220 TO-220F
TGBR10U100	Single	100	10	200	0.68	200	PDFN5×6 TO-220 TO-220F TO-251 TO-252
TGBR15S100	Single	100	15	135	0.75	200	TO-220F1

Diode > Trench MOS Schottky Diode

Part No.	Configuration	V_{RRM} (V) (Range)	$I_{F(AV)}$ (A) (Range)	I_{FSM} (A)	V_F(Max) (V) (Range)	I_R(Max) (uA)	Package
TGBR20L100	Single	100	20	250	0.84	100	PDFN5×6 TO-220 TO-220F
TGBR20V100	Single	100	20	250	0.79	100	TO-220 TO-220F
TGBR30L100	Single	100	30	250	0.9	300	TO-220 TO-220F TO-220F1 PDFN5X6
TGBR10V150	Single	150	10	150	0.85	200	TO-220 TO-220F
TGBR10V200	Single	200	10	180	0.9	100	TO-220 TO-220F
TGBR10L45C	Dual	45	10	90	0.61	500	TO-252 TO-220 TO-220F TO-220F3
TGBR10V45C	Dual	45	10	100	0.56	300	TO-220 TO-220F TO-220F3
TGBR10S45C	Dual	45	10	150	0.51	500	TO-220 TO-220F TO-220F3
TGBR20L45C	Dual	45	20	150	0.64	500	TO-220 TO-220F TO-220F3
TGBR20V45C	Dual	45	20	150	0.57	500	TO-220 TO-220F TO-220F1 TO-220F3 TO-251
TGBR20S45C	Dual	45	20	180	0.52	500	TO-220 TO-220F TO-220F3
TGBR20U45C	Dual	45	20	250	0.47	500	TO-220F TO-220F1
TGBR30L45C	Dual	45	30	200	0.6	300	TO-220 TO-220F TO-220F3
TGBR30V45C	Dual	45	30	100	0.55	100	TO-220 TO-220F
TGBR30U45C	Dual	45	30	140	0.47	500	TO-220 TO-220F
TGBR40V45C	Dual	45	40	280	0.55	500	TO-220 TO-220F
TGBR10L50C	Dual	50	10	90	0.62	300	TO-252 TO-220 TO-220F TO-220F3
TGBR10V50C	Dual	50	10	120	0.57	300	TO-252 TO-220 TO-220F TO-220F3
TGBR20L50C	Dual	50	20	150	0.66	300	TO-220 TO-220F
TGBR20V50C	Dual	50	20	150	0.55	500	TO-220 TO-220F
TGBR30S50C	Dual	50	30	120	0.55	200	TO-220
TGBR10L60C	Dual	60	10	90	0.63	300	TO-220 TO-220F
TGBR10V60C	Dual	60	10	120	0.58	300	TO-220 TO-220F
TGBR10S60C	Dual	60	10	180	0.53	500	TO-220 TO-220F
TGBR10U60C	Dual	60	10	180	0.48	500	TO-220 TO-220F
TGBR20L60C	Dual	60	20	150	0.64	300	TO-220 TO-220F
TGBR20V60C	Dual	60	20	180	0.63	500	TO-220 TO-220F
TGBR20S60C	Dual	60	20	130	0.54	500	TO-220 TO-220F
TGBR20U60C	Dual	60	20	150	0.45	500	TO-220 TO-220F
TGBR30L60C	Dual	60	30	200	0.6	500	TO-220 TO-220F TO-220F1
TGBR40L60C	Dual	60	40	200	0.7	500	TO-220 TO-220F
TGBR40V60C	Dual	60	40	250	0.65	500	TO-220 TO-220F TO-220F1
TGBR40S60C	Dual	60	40	260	0.6	500	TO-220 TO-220F
TGBR40U60C	Dual	60	40	270	0.55	500	TO-220 TO-220F
TGBR20U80C	Dual	80	20	220	0.6	300	TO-220 TO-220F
TGBR10V100C	Dual	100	10	110	0.72	100	TO-252 TO-220 TO-220F
TGBR10S100C	Dual	100	10	150	0.67	100	TO-263 TO-252 TO-220 TO-220F
TGBR10U100C	Dual	100	10	200	0.62	200	TO-220 TO-220F
TGBR20L100C	Dual	100	20	100	0.79	100	TO-220 TO-220F
TGBR20V100C	Dual	100	20	120	0.75	100	TO-220 TO-220F TO-220F1
TGBR20S100C	Dual	100	20	130	0.71	100	TO-220 TO-220F

Diode > Trench MOS Schottky Diode

Part No.	Configuration	V_{RRM} (V) (Range)	$I_{F(AV)}$ (A) (Range)	I_{FSM} (A)	V_F(Max) (V) (Range)	I_R(Max) (uA)	Package
TGBR20U100C	Dual	100	20	140	0.67	100	TO-220 TO-220F
TGBR30L100C	Dual	100	30	200	0.85	300	TO-220 TO-220F
TGBR30V100C	Dual	100	30	160	0.8	300	TO-220 TO-220F
TGBR30S100C	Dual	100	30	160	0.75	200	TO-220 TO-220F TO-220F1
TGBR30U100C	Dual	100	30	300	0.7	200	TO-220 TO-220F
TGBR40L100C	Dual	100	40	280	0.8	100	TO-220 TO-220F
TGBR40V100C	Dual	100	40	250	0.75	200	TO-220 TO-220F TO-220F1
TGBR40U100C	Dual	100	40	250	0.65	500	TO-220 TO-220F TO-3P
TGBR60L100C	Dual	100	60	200	0.75	100	TO-220
TGBR10V120C	Dual	120	10	90	0.8	100	TO-220F1
TGBR10S120C	Dual	120	10	100	0.75	100	TO-220F1
TGBR10U120C	Dual	120	10	120	0.7	100	TO-220F1
TGBR10V150C	Dual	150	10	110	0.89	100	TO-220F1
TGBR10S150C	Dual	150	10	150	0.84	100	TO-220F1
TGBR10U150C	Dual	150	10	180	0.79	100	TO-220F1
TGBR20V150C	Dual	150	20	200	0.85	100	TO-220 TO-220F
TGBR30S150C	Dual	150	30	180	0.89	100	TO-220 TO-220F
TGBR40S100C	Dual	100	40	250	0.71	200	TO-220 TO-220F
TGBR40L80C	Dual	80	40	100	0.8	100	TO-220F
TGBR40S80C	Dual	80	40	120	0.65	100	TO-220F

Diode > MOS Gated Schottky Diode

Part No.	Configuration	V_{RRM} (V) (Range)	$I_{F(AV)}$ (A) (Range)	I_{FSM} (A) (Range)	V_F(Max) (V) (Range)	Package
MGBR5V30	Single	30	5	100	0.48	SMB
MGBR10L30	Single	30	10	200	0.55	TO-277
MGBR10S30	Single	30	10	175	0.43	TO-277
MGBR12L30	Single	30	12	200	0.54	TO-277
MGBR15L30	Single	30	15	180	0.54	TO-277
MGBR15V30	Single	30	15	200	0.49	TO-277
MGBR2U40	Single	40	2	50	0.43	SMB
MGBR5S40	Single	40	5	150	0.52	DO-201AD TO-277 SMB SMC
MGBR5U40	Single	40	5	120	0.43	SMB PDFN5×6
MGBR10L40	Single	40	10	150	0.57	TO-277
MGBR10S40	Single	40	10	175	0.47	TO-277
MGBR12L40	Single	40	12	180	0.57	TO-277
MGBR15L40	Single	40	15	180	0.58	TO-277
MGBR15V40	Single	40	15	200	0.53	TO-277
MGBR20L40	Single	40	20	250	0.59	TO-277
MGBR2V45	Single	45	2	50	0.5	SMA
MGBR5V45	Single	45	5	90	0.61	SMB
MGBR5S45	Single	45	5	120	0.48	DO-201AD TO-277 SMC TO-252
MGBR5U45	Single	45	5	200	0.43	DO-201AD SMC
MGBR10L45	Single	45	10	90	0.58	TO-277 TO-252 TO-220-2
MGBR10V45	Single	45	10	150	0.53	TO-277 TO-252 TO-220-2 TO-220 TO-220F
MGBR10S45	Single	45	10	150	0.48	TO-277 TO-252 TO-252D TO-220-2
MGBR12L45	Single	45	12	180	0.6	TO-277
MGBR15L45	Single	45	15	180	0.6	TO-277
MGBR15V45	Single	45	15	180	0.55	TO-252
MGBR5S50	Single	50	5	120	0.5	TO-252
MGBR10L50	Single	50	10	150	0.6	TO-277 TO-220-2
MGBR10V50	Single	50	10	150	0.55	TO-277 TO-252 TO-220-2 TO-220 TO-220F
MGBR10U50	Single	50	10	180	0.45	TO-277 TO-252 TO-220-2 TO-220 TO-220F
MGBR15L50	Single	50	15	180	0.61	TO-277
MGBR15V50	Single	50	15	200	0.55	PDFN5×6
MGBR15S50	Single	50	15	200	0.5	TO-277
MGBR15U50	Single	50	15	200	0.45	PDFN5×6
MGBR20L50	Single	50	20	250	0.63	PDFN5×6 TO-277 TO-220-2
MGBR20V50	Single	50	20	250	0.58	PDFN5×6 TO-220-2 TO-277
MGBR20S50	Single	50	20	300	0.53	PDFN5×6 TO-220-2 TO-252
MGBR20U50	Single	50	20	300	0.48	PDFN5×6 TO-220-2
MGBR10L60	Single	60	10	150	0.64	TO-277
MGBR10S60	Single	60	10	70	0.59	TO-277 TO-252 TO-220-2 TO-220 TO-220F
MGBR12L60	Single	60	12	180	0.65	TO-277
MGBR15L60	Single	60	15	180	0.64	TO-277

Part No.	Configuration	V_{RRM} (V) (Range)	$I_{F(AV)}$ (A) (Range)	I_{FSM} (A) (Range)	V_F(Max) (V) (Range)	Package
MGBR15V60	Single	60	15	200	0.6	TO-277
MGBR20L60	Single	60	20	250	0.65	TO-277 PDFN5×6
MGBR20V60	Single	60	20	200	0.6	TO-277 PDFN5×6
MGBR20V80	Single	80	20	180	0.8	TO-220
MGBR30L80	Single	80	30	200	0.95	TO-220
MGBR5L100	Single	100	5	100	0.8	PDFN5×6 SMA TO-252
MGBR10L100	Single	100	10	150	0.8	DO-201AD TO-277
MGBR20L100	Single	100	20	250	0.9	TO-220 TO-220F
MGBR20V100	Single	100	20	250	0.85	TO-220 TO-220F
MGBR30L100	Single	100	30	200	0.85	TO-220 TO-220F
MGBR10L120	Single	120	10	160	0.82	TO-277
MGBR30V120	Single	120	30	300	0.83	TO-220 TO-220F
MGBR5L150	Single	150	5	150	0.86	DO-201AD
MGBR10L150	Single	150	10	150	0.9	TO-277
MGBR20L150	Single	150	20	300	0.85	TO-220 TO-220F
MGBR10L200	Single	200	10	180	0.86	TO-220 TO-220F
MGBR20L200	Single	200	20	300	0.9	TO-220 TO-220F TO-252
MGBR40L250	Single	250	40	150	0.97	TO-263 TO-220 TO-220F
MGBR5L300	Single	300	5	300	0.92	SMB SMC SMA
MGBR10S300	Single	300	10	200	0.9	TO-252
MGBR20L300	Single	300	20	235	0.92	TO-263 TO-220 TO-220F TO-220F1 TO-220F2
MGBR10U300	Single	300	10	160	0.85	TO-220 TO-252 TO-220-2
MGBR10U300M1	Single	300	10	160	0.85	TO-252
MGBR20L30C	Dual	30	20	170	0.55	TO-220
MGBR10L40C	Dual	40	10	120	0.55	TO-220 TO-220F TO-263
MGBR20L40C	Dual	40	20	120	0.55	TO-220
MGBR6L45C	Dual	45	6	80	0.67	TO-252 TO-220 TO-220F
MGBR6V45C	Dual	45	6	80	0.62	TO-252 TO-220 TO-220F
MGBR6S45C	Dual	45	6	80	0.57	TO-252 TO-220 TO-220F
MGBR10L45C	Dual	45	10	90	0.56	TO-220
MGBR10V45C	Dual	45	10	90	0.5	TO-252 TO-220
MGBR10S45C	Dual	45	10	100	0.45	TO-252 TO-220
MGBR10U45C	Dual	45	10	100	0.4	TO-252 TO-220
MGBR15L45C	Dual	45	15	120	0.6	TO-252 TO-220F
MGBR20L45C	Dual	45	20	120	0.58	TO-252 TO-263 TO-220 TO-220F
MGBR20V45C	Dual	45	20	150	0.59	TO-252 TO-263 TO-220 TO-220F
MGBR30L45C	Dual	45	30	200	0.6	TO-252 TO-220 TO-220F
MGBR30V45C	Dual	45	30	200	0.55	TO-220 TO-220F
MGBR30S45C	Dual	45	30	250	0.5	TO-252 TO-220
MGBR30U45C	Dual	45	30	280	0.45	TO-252 TO-220 TO-220F
MGBR40L45C	Dual	45	40	250	0.6	TO-220

Part No.	Configuration	V_{RRM} (V) (Range)	$I_{F(AV)}$ (A) (Range)	I_{FSM} (A) (Range)	V_F(Max) (V) (Range)	Package
MGBR40V45C	Dual	45	40	280	0.55	TO-220 TO-220F
MGBR40S45C	Dual	45	40	350	0.5	TO-220
MGBR40U45C	Dual	45	40	350	0.45	TO-220 TO-220F
MGBR6L50C	Dual	50	6	80	0.67	TO-252
MGBR6V50C	Dual	50	6	80	0.62	TO-252
MGBR6S50C	Dual	50	6	100	0.57	TO-252
MGBR10L50C	Dual	50	10	90	0.56	TO-220 TO-220F
MGBR10V50C	Dual	50	10	120	0.51	TO-220 TO-220F
MGBR10S50C	Dual	50	10	150	0.46	TO-220 TO-220F
MGBR10U50C	Dual	50	10	180	0.41	TO-220 TO-220F
MGBR15L50C	Dual	50	15	180	0.61	TO-252 TO-220 TO-220F
MGBR20L50C	Dual	50	20	150	0.6	TO-220
MGBR20V50C	Dual	50	20	150	0.55	TO-220 TO-220F
MGBR20S50C	Dual	50	20	180	0.5	TO-220
MGBR20U50C	Dual	50	20	250	0.45	TO-220
MGBR30L50C	Dual	50	30	200	0.6	TO-220
MGBR30V50C	Dual	50	30	250	0.55	TO-220
MGBR30S50C	Dual	50	30	250	0.52	TO-220
MGBR30U50C	Dual	50	30	280	0.46	TO-220 TO-220F TO-3P
MGBR40V50C	Dual	50	40	200	0.58	TO-220 TO-220F
MGBR6L60C	Dual	60	6	80	0.67	TO-252
MGBR10L60C	Dual	60	10	120	0.63	TO-252 TO-263 TO-220 TO-220F
MGBR10V60C	Dual	60	10	120	0.58	TO-252 TO-220
MGBR10S60C	Dual	60	10	150	0.53	TO-252 TO-220
MGBR10U60C	Dual	60	10	180	0.48	TO-252 TO-220
MGBR20L60C	Dual	60	20	150	0.64	TO-252 TO-252D TO-220 TO-220F
MGBR20V60C	Dual	60	20	180	0.59	TO-252D TO-220 TO-220F PDFN5 x 6
MGBR20S60C	Dual	60	20	130	0.54	TO-220 TO-220F
MGBR20U60C	Dual	60	20	250	0.49	TO-252D
MGBR30L60C	Dual	60	30	200	0.65	TO-220 TO-220F TO-3P
MGBR30V60C	Dual	60	30	250	0.6	TO-220 TO-220F TO-247
MGBR30S60C	Dual	60	30	280	0.55	TO-252 TO-220 TO-220F
MGBR30U60C	Dual	60	30	300	0.5	TO-220 TO-220F
MGBR40L60C	Dual	60	40	280	0.65	TO-220
MGBR40V60C	Dual	60	40	150	0.6	TO-220 TO-220F
MGBR40S60C	Dual	60	40	360	0.55	TO-220
MGBR40U60C	Dual	60	40	400	0.5	TO-220
MGBR10L80C	Dual	80	10	80	0.72	TO-220 TO-220F
MGBR20L80C	Dual	80	20	100	0.81	TO-220 TO-220F
MGBR20V80C	Dual	80	20	150	0.78	TO-220
MGBR10L100C	Dual	100	10	80	0.8	TO-252 TO-220 TO-220F

Diode > MOS Gated Schottky Diode

Part No.	Configuration	V_{RRM} (V) (Range)	$I_{F(AV)}$ (A) (Range)	I_{FSM} (A) (Range)	V_F(Max) (V) (Range)	Package
MGBR10V100C	Dual	100	10	80	0.77	TO-220 TO-220F TO-252
MGBR10S100C	Dual	100	10	180	0.67	TO-220
MGBR10U100C	Dual	100	10	200	0.62	TO-220
MGBR15L100C	Dual	100	15	100	0.8	TO-252 TO-220 TO-220F
MGBR20L100C	Dual	100	20	150	0.82	TO-220 TO-220F TO-247
MGBR20V100C	Dual	100	20	180	0.75	TO-252 TO-220 TO-220F
MGBR20S100C	Dual	100	20	200	0.7	TO-220 TO-220F
MGBR20U100C	Dual	100	20	250	0.65	TO-220 TO-220F
MGBR20L120C	Dual	120	20	120	0.9	TO-220 TO-220F
MGBR30L100C	Dual	100	30	200	0.85	TO-220TO-220F
MGBR30V100C	Dual	100	30	160	0.8	TO-220 TO-220F TO-247
MGBR40L100C	Dual	100	40	280	0.8	TO-220 TO-220F TO-247
MGBR40V100C	Dual	100	40	300	0.75	TO-220
MGBR40S100C	Dual	100	40	350	0.7	TO-220 TO-220F
MGBR40U100C	Dual	100	40	360	0.65	TO-220 TO-220F
MGBR60L100C	Dual	100	60	280	0.79	TO-220
MGBR20L120C	Dual	120	20	120	0.9	TO-220 TO-220F
MGBR20U120C	Dual	120	20	180	0.79	TO-220 TO-220F
MGBR30L120C	Dual	120	30	150	0.88	TO-220 TO-220F
MGBR30V120C	Dual	120	30	200	0.83	TO-220 TO-220F TO-220F1
MGBR30S120C	Dual	120	30	250	0.78	TO-220 TO-220F
MGBR10L150C	Dual	150	10	100	0.9	TO-220 TO-220F TO-220F3
MGBR20L150C	Dual	150	20	150	0.9	TO-220 TO-220F
MGBR20V150C	Dual	150	20	180	0.85	TO-220 TO-220F
MGBR20S150C	Dual	150	20	180	0.8	TO-220 TO-220F TO-247
MGBR20U150C	Dual	150	20	250	0.75	TO-220 TO-220F
MGBR30L150C	Dual	150	30	200	0.9	TO-220 TO-220F1
MGBR30V150C	Dual	150	30	200	0.85	TO-220 TO-220F
MGBR40L150C	Dual	150	40	200	0.9	TO-220F TO-220F1
MGBR40V150C	Dual	150	40	250	0.85	TO-220 TO-220F TO-220F1 TO-252 TO-247
MGBR40L170C	Dual	170	40	250	0.9	TO-220 TO-220F
MGBR10L200C	Dual	200	10	110	0.9	TO-220 TO-220F
MGBR20L200C	Dual	200	20	180	0.86	TO-220 TO-220F TO-220F1 TO-247
MGBR20V200C	Dual	200	20	170	0.81	TO-220 TO-220F
MGBR30V200C	Dual	200	30	150	0.87	TO-220 TO-220F TO-263
MGBR40V200C	Dual	200	40	240	0.89	TO-220 TO-220F
MGBR60L200C	Dual	200	60	300	0.95	TO-220 TO-220F TO-3P
MGBR60V200C	Dual	200	60	250	0.94	TO-220 TO-220F TO-3P
MGBR10L250C	Dual	250	10	110	0.92	TO-220 TO-220F
MGBR10L300C	Dual	300	10	100	0.94	TO-220 TO-220F
MGBR20L300C	Dua	300	20	180	0.92	TO-263 TO-220 TO-220F
MGBR20V300C	Dual	300	20	180	0.87	TO-263 TO-220 TO-220F
MGBR30V300C	Dual	300	30	200	0.9	TO-220 TO-220F
MGBR40S300C	Dual	300	40	235	0.9	TO-220 TO-220F
MGBR40V300C	Dual	300	40	200	0.99	TO-220 TO-220F

Diode > Planar Schottky Diode

Part No.	Configuration	I_O (A) (Range)	VRM(VR) (V) (Range)	I_{FSM}(A)	VFM RatingMAX.(V) (Range)	VFM Conditions IF(A)	Package
MBR0530	Single	0.5	30	5.5	0.43	0.5	SOD-123 SOD-323
MBR0540	Single	0.5	40	5.5	0.51	0.5	SOD-123 SOD-323 SOD-323S
MBR0560	Single	0.5	60	5.5	0.7	0.5	SOD-123 SOD-123F
B5817W	Single	1	20	9	0.45	1	SOD-123 SOD-323
1N5819	Single	1	40	25	0.6	1	SOD-123 SOD-123F
B5819WS	Single	1	40	10	0.6	1	SOD-323
SS14	Single	1	40	30	0.5	1	SMA
MBR140	Single	1	40	30	0.7	1	DO-41
MBR145	Single	1	45	30	0.7	1	SOD-123F DO-41
MBR150	Single	1	50	25	0.75	1	DO-41
MBR160	Single	1	60	30	0.74	1	DO-41 SMA SOD-123F
MBR1100	Single	1	100	50	0.79	1	DO-41 SOD-123F SMB
MBR240	Single	2	40	2	0.7	2	SMA
MBR245	Single	2	45	50	0.7	2	SMA DO-15 DO-41
MBR260	Single	2	60	50	0.74	2	SMA SMB
MBR2100	Single	2	100	40	0.79	2	SOD-123S SMA SMC SMB SOD-123F
MBR2200	Single	2	200	50	0.9	2	SMB SMC DO-201 AD
MBR340	Single	3	40	80	0.6	3	DO-201AD SMA
MBR360	Single	3	60	80	0.74	3	DO-201AD TO-252
MBR3100	Single	3	100	80	0.85	3	SMA
MBR3150	Single	3	150	80	0.9	3	DO-201AD SMA
MBR3200	Single	3	200	80	0.9	3	SMC DO-201AD DO-201AD1 SMA SMB
SR22	Single	2	20	50	0.5	2	SMA SMB
SR23	Single	2	30	50	0.5	2	SMA SMB
SR24	Single	2	40	50	0.5	2	SMA SMB
SR25	Single	2	50	50	0.65	2	SMA SMB
SR26	Single	2	60	50	0.65	2	SMA SMB
SK24	Single	2	40	50	0.5	2	SMA SMB
SK26	Single	2	60	50	0.7	2	SMA SMB
SK34	Single	3	40	100	0.5	3	SMA SMB SMC SOD-123F SOD-123S
SB3U40	Single	3	40	75	0.47	3	SOD-123S
SK36	Single	3	60	100	0.75	3	SMA SMC
SK310	Single	3	100	100	0.85	3	SMA SMC
SK44	Single	4	40	150	0.45	4	SMC
SK54	Single	5	40	100	0.55	5	SMB SMC
SK56	Single	5	60	100	0.75	5	SMC
SK86	Single	8	60	200	0.65	8	SMC
MBR540	Single	5	40	120	0.58	5	DO-201AD
MBR545	Single	5	45	150	0.7	5	SMA SMB
MBR560	Single	5	60	150	0.72	5	DO-201AD
MBR5100	Single	5	100	150	0.8	5	DO-41

Part No.	Configuration	Io (A) (Range)	VRM(VR) (V) (Range)	IFSM(A)	VFM RatingMAX.(V) (Range)	VFM Conditions IF(A)	Package
MBR5150	Single	5	150	150	0.9	5	DO-201AD TO-220-2 SMB
MBR760	Single	7.5	60	150	0.72	7.5	TO-220-2
MBR840	Single	8	40	150	0.7	8	SMB
MBR1045	Single	10	45	150	0.84	10	TO-277
MBR1060	Single	10	60	150	0.8	10	TO-277
MBR10100	Single	10	100	150	0.8	10	TO-277 SMC
MBR10120	Single	10	120	110	0.85	10	TO-220 TO-220F TO-277
MBR10150	Single	10	150	170	0.93	10	DO-201AD TO-220 TO-220F TO-277 TO-252D
MBR20100	Single	20	100	150	0.84	20	DO-201AD
MBR3045	Single	30	45	200	0.63	30	TO-263 TO-3P
SB120	Single	1	20	25	0.5	1	DO-41 SMA SOD-323
SB130	Single	1	30	25	0.5	1	DO-41SMA SOD-123 SOD-123F SOD-323
SB140	Single	1	40	40	0.5	1	DO-41 SMA SOD-123S
SB160	Single	1	60	40	0.7	1	DO-41 SMA SOD-123F
SB1100	Single	1	100	30	0.79	1	DO-41 SMA SMB
RB160M-60	Single	1	60	30	0.58	1	SOD-123
SB240	Single	2	40	80	0.5	2	DO-41 SMA SMB SMC SOD-123 SOD-123F
SB260	Single	2	60	50	0.7	2	DO-41 SMA
SB2100	Single	2	100	50	0.79	2	DO-201AD SMC
SB3U40	Single	3	40	75	0.47	3	SOD-123S
SB330	Single	3	30	80	0.5	3	DO-201AD SMA SMB SMC
SB340	Single	3	40	80	0.5	3	DO-201AD SMA SMB SMC SOD-123F SOD-123
SB345	Single	3	45	100	0.5	3	DO-201AD DO-41
SB360	Single	3	60	80	0.74	3	DO-201AD SMC
SB3100	Single	3	100	80	0.85	3	DO-201AD
SB3150	Single	3	150	110	0.89	3	SMB
SB3200	Single	3	200	80	0.86	3	DO-201AD SMC
SB460	Single	4	60	150	0.67	4	SMA SMB SMC
SB540	Single	5	40	150	0.55	5	DO-201AD SMA SMB SMC
B540C	Single	5	40	175	0.55	5	SMC
SB560	Single	5	60	150	0.67	5	DO-201AD DO-201AD1
B560C	Single	5	60	175	0.7	5	SMC
SB5100	Single	5	100	150	0.8	5	DO-201AD DO-201AD1 SMA SMB SMC TO-277
SB5150	Single	5	150	125	0.92	5	DO-201AD
SB5200	Single	5	200	100	0.9	5	DO-201AD SMC
SB1060	Single	10	60	150	0.75	10	TO-220 TO-220F1
SB10100	Single	10	100	150	0.85	10	TO-220 TO-220F1
SBL1040	Single	10	40	250	0.6	10	TO-220
SBL1045	Single	10	45	250	0.6	10	TO-220 TO-220F
SBL1060	Single	10	60	250	0.75	10	TO-220 TO-220F1
SBL1540	Single	15	40	150	0.55	15	TO-220 TO-220F TO-220F1

Part No.	Configuration	Io (A) (Range)	VRM(VR) (V) (Range)	IFSM(A)	VFM RatingMAX.(V) (Range)	VFM Conditions IF(A)	Package
MBR1040C	Dual	10	40	125	0.8	10	TO-220
MBR1045C	Dual	10	45	50	0.55	5	TO-220 TO-220F1 TO-252
MBR1060C	Dual	10	60	125	0.95	10	TO-220 TO-220F TO-220F1 TO-263
MBR1080C	Dual	10	80	120	0.95	10	TO-220 TO-220F
MBR10100C	Dual	10	100	120	0.95	10	TO-220 TO-220F TO-220F1 TO-220F2 TO-263 TO-252 TO-252D
MBR10150C	Dual	10	150	100	0.92	5	TO-220 TO-220F TO-220F1 TO-220F2 TO-263
MBR10200C	Dual	10	200	150	1	10	TO-220F TO-220F1 TO-220 TO-252 TO-263
MBR10200	Single	10	200	150	0.9	10	TO-277
MBR1645C	Dual	16	45	125	0.7	8	TO-220
MBR16200C	Dual	16	200	150	0.9	8	TO-220 TO-220F TO-263
MBR2040C	Dual	20	40	150	0.84	20	TO-220
MBR2045C	Dual	20	45	150	0.84	20	TO-220 TO-220F TO-220F1 TO-252
MBR2060C	Dual	20	60	150	0.95	20	TO-220 TO-220F1 TO-220F2 TO-263 TO-252
MBR20100C	Dual	20	100	150	0.85	10	TO-220 TO-220F TO-220F1 TO-220F2 TO-263 TO-252
MBR20120C	Dual	20	120	150	0.95	20	TO-220 TO-220F
MBR20125C	Dual	20	125	150	0.95	20	TO-220 TO-220F
MBR20130C	Dual	20	130	150	0.95	20	TO-220 TO-220F
MBR20150C	Dual	20	150	150	1.05	20	TO-220 TO-220F TO-220F1 TO-263
MBR20200C	Dual	20	200	150	1.23	20	TO-220 TO-220F TO-220F1 TO-252 TO-262 TO-263 TO-3P TO-247 TO-252D
UAD92	Dual	20	200	100	0.95	10	TO-3P TO-3PN TO-247 TO-220 TO-220F
MBR25100C	Dual	25	100	155	0.85	12.5	TO-220 TO-220F
MBR3045C	Dual	30	45	150	0.76	30	TO-220 TO-220F TO-263 TO-220F1
MBR3060C	Dual	30	60	125	0.78	15	TO-220 TO-247
MBR30100C	Dual	30	100	275	1.1	30	TO-220 TO-220F TO-220F1 TO-263 TO-247 TO-3P
MBR30100	Dual	-	-	-	-	-	TO-220F
MBR30150C	Dual	30	150	200	1	30	TO-220 TO-220F1 TO-3P TO-263
MBR30200C	Dual	30	200	180	0.9	15	TO-220 TO-220F1 TO-247
MBR4045C	Dual	40	45	170	0.7	20	TO-220
MBR4060C	Dual	40	60	170	0.83	20	TO-220 TO-247
MBR40100C	Dual	40	100	170	0.9	20	TO-220 TO-3P TO-220F1
MBR40150C	Dual	40	150	250	0.9	20	TO-220 TO-220F TO-220F1
MBR40200C	Dual	40	200	180	0.92	20	TO-220 TO-220F
SBL1040C	Dual	10	40	110	0.56	5	TO-220
SBL2060C	Dual	20	60	250	0.75	10	TO-220 TO-220F
SBL3040C	Dual	30	40	250	0.55	15	TO-220
SBL3045C	Dual	30	45	180	0.62	15	TO-220 TO-220F1 TO-263
SBL3050C	Dual	30	50	250	0.7	15	TO-220
SBL3060C	Dual	30	60	165	0.73	15	TO-220
SBL3065C	Dual	30	65	160	0.75	15	TO-263
U20UC30	Dual	20	300	150	1.3	10	TO-220 TO-220F

Part No.	VRM(VR) (V) (Range)	Io (mA) (Range)	IFSM (mA)	VFM Rating MAX.(V) (Range)	VFM Conditions IF(mA)	Package
BAT42VS	30	200	400	1	200	SOD-123
BAS85	30	200	5000	0.8	100	LL-34
RB520S40	40	250	1000	0.6	200	SOD-523
SD103AW	40	350	1500	0.6	200	SOD-123 SOD-523
SD103AWS	40	350	1500	0.6	200	SOD-323
RB520S30	30	200	1000	0.6	200	SOD-523
RB521S30	30	200	1000	0.5	200	SOD-523 SOD-723
SS0540Y	40	500	5500	0.62	1000	SOD-123
USB06U45D	32	1000	5000	0.31	100	SOT-353
BAT42VS	30	200	400	1	200	SOD-123
BAT54WS	30	200	600	0.8	100	SOD-323
BAT54TS	30	200	600	0.8	100	SOD-523
BAT54	30	200	600	0.8	100	SOT-23
BAT54A	30	200	600	0.8	100	SOT-23
BAT54C	30	200	600	0.8	100	SOT-23
BAT54S	30	200	600	0.8	100	SOT-23
BAT54W	30	200	600	0.8	100	SOT-323
BAT54AW	30	200	600	0.8	100	SOT-323
BAT54CW	30	200	600	0.8	100	SOT-323
BAT54SW	30	200	600	0.8	100	SOT-323
BAT54TB	30	200	600	0.8	100	SOT-523
BAT54ATB	30	200	600	0.8	100	SOT-523
BAT54CTB	30	200	600	0.8	100	SOT-523
BAT54ADW	30	200	600	0.8	100	SOT-363
BAT54CDW	30	200	600	0.8	100	SOT-363
BAT54SDW	30	200	600	0.8	100	SOT-363
BAT54DW	30	200	600	0.8	100	SOT-363
BAT54STB	30	200	600	0.8	100	SOT-523
BAT54TDW	30	200	600	1	100	SOT-363
RB751V40	40	30	200	0.37	1	SOD-323 SOD-523
RB751S30	–	–	–	–	–	–
BAS40	40	120	200	1	40	SOT-23
BAT721	40	200	1000	0.55	200	SOT-23
BAT721A	40	200	1000	0.55	200	SOT-23
BAT721C	40	200	1000	0.55	200	SOT-23
RB751V40	40	30	200	0.37	1	SOD-323 SOD-523
RB501V-40	45	100	1000	0.55	100	SOD-323
BAP50-03	50	50		1.1	50	SOD-323
BAS70	70	70	–	1	15	SOT-23 SOT-23-3
BAS70A	70	70	–	1	15	SOT-23 SOT-23-3
BAS70C	70	70	–	1	15	SOT-23 SOT-23-3

Part No.	VRM(VR) (V) (Range)	Io (mA) (Range)	IFSM (mA)	VFM Rating MAX.(V) (Range)	VFM Conditions IF(mA)	Package
BAS70S	70	70	–	1	15	SOT-23 SOT-23-3
BAS70W	70	70	–	1	15	SOT-323
BAS70AW	70	70	–	1	15	SOT-323
BAS70CW	70	70	–	1	15	SOT-323
BAS70SW	70	70	–	1	15	SOT-323
BAS70TW	70	70	–	1	15	SOT-323
BAT64A	40	120	800	0.75	100	SOT-23
BAS316	85	250	500	1.25	150	SOD-323 SOD-323F SOD-523

Part Number	Description	Io (A) (Range)	VRM(VR) (V) (Range)	IFSM (A)	VFM Rating MAX.(V) (Range)	VFM Conditions IF(A)	Package
ES1A	SuperFast	1	50	30	0.95	1	SMA SOD-123F
RS1A	Fast	1	50	30	1.3	1	SMA DO-41
1N5401G	Glass-passivated	3	100	200	1.2	3	DO-201AD
ES1B	SuperFast	1	100	30	0.95	1	SMA SOD-123F
RS1B	Fast	1	100	30	1.3	1	SMA DO-41
ES1C	SuperFast	1	150	30	0.95	1	SMA SOD-123F
ES1D	SuperFast	1	200	30	0.95	1	SMA SOD-123F
ES2D	SuperFast	2	200	60	0.95	2	SMB
UMUR2520	SuperFast	25	200	500	0.95	25	TO-220-2
US1D	UltraFast	1	200	30	1	1	SMA
UMUR1020C	UltraFast	5	200	50	1.2	5	TO-220 TO-220F
UMUR820	UltraFast	8	200	100	0.975	8	TO-220-2
UMUR2020	UltraFast	20	200	250	1.1	20	TO-220-2
SFR1020C	UltraFast	10	200	50	0.9	5	TO-220 TO-220F TO-220F1 TO-220F2
FCU20UC20C	UltraFast	20	200	120	1.08	10	TO-220 TO-220F TO-220F1
UA60UP20	UltraFast	60	200	120	1.5	30	TO-247 TO-247S TO-3P TO-3PS
UHR0620	HyperFast	6	200	70	1.5	6	TO-220 TO-220F
UHR1020	HyperFast	10	200	120	1.5	10	TO-220 TO-220F
UHR3020C	HyperFast	30	200	160	1.05	15	TO-220
RS1002FL	Fast	1	200	30	1.3	1	SOD-123F
RS1D	Fast	1	200	30	1.3	1	SMA DO-41
BAV23x	UltraFast	0.4	250	9	1	0.1	SOT-23
HER504G	Glass-passivated	5	300	200	1	5	DO-201AD
ES1E	SuperFast	1	300	30	1.25	1	SMA SOD-123F
UMUR2030C	SuperFast	10	300	105	1.4	10	TO-220
UMUR6030C	SuperFast	30	300	164	1.4	30	TO-247
UUR3030C	UltraFast	30	300	125	1.5	15	TO-220 TO-220F
FCU20UC30C	UltraFast	20	300	120	1.3	10	TO-220 TO-220F TO-220F1 TO-247 TO-247S
UA60UP30	UltraFast	60	300	200	1.5	30	TO-3P TO-3PB TO-247S
UFR6030C	UltraFast	60	300	180	1.25	30	TO-247 TO-3P TO-220-2 TO-3PB TO-247S
UFR8030C	UltraFast	80	300	180	1.3	80	TO-247 TO-3P TO-220-2 TO-247S TO-3PB
UFR10030C	UltraFast	100	300	300	1.3	50	TO-247 TO-3P TO-247S TO-3PB
FR104G	Glass-passivated	1	400	30	1.3	1	DO-41
1N4004G	Glass-passivated	1	400	30	1.1	1	DO-41 SMA SOD-123F
SF26G	Glass-passivated	2	400	50	1.3	2	DO-15
SF36G	Glass-passivated	3	400	100	1.25	3	DO-201AD
SF56G	Glass-passivated	5	400	150	1.25	5	DO-201AD
ES1G	SuperFast	1	400	30	1.25	1	SMA SOD-123F
DSE804	SuperFast	8	400	125	1.3	8	TO-220-2 TO-220F TO-220F-2
ER1004	SuperFast	10	400	110	1.5	10	TO-220 TO-220F-2 TO-220F TO-252 TO-251
UFR1040	SuperFast	10	400	70	1.4	10	TO-252

Part Number	Description	Io (A) (Range)	VRM(VR) (V) (Range)	IFSM (A)	VFM Rating MAX.(V) (Range)	VFM Conditions IF(A)	Package
UFR10040	SuperFast	75	400	500	1.7	75	TO-247
ER1004C	SuperFast	10	400	150	1.3	10	TO-220 TO-220F
UA60UP40	SuperFast	30	400	210	1.7	30	TO-3P TO-3PB TO-247 TO-247S
UMUR2040C	SuperFast	20	400	105	1.5	10	TO-220 TO-3PF
UMUR1040C	UltraFast	5	400	48	1.4	5	TO-220
UMUR840	UltraFast	8	400	100	1.5	8	TO-220-2
UUR1540	UltraFast	15	400	200	1.25	15	TO-220-2
UFR9040C	UltraFast	90	400	230	1.3	45	TO-220-2 TO-247 TO-3P
UFR6040C	UltraFast	60	400	180	1.5	30	TO-247 TO-3P
UA60UP40	UltraFast	60	400	210	1.7	30	TO-247 TO-247S TO-3P TO-3PB
UUD80D40	UltraFast	80	400	300	1.5	40	TO-3P
UFR8040	UltraFast	40	400	120	1.9	40	TO-3P
UFR8040C	UltraFast	80	400	400	1.8	40	TO-220-2 TO-247 TO-3P
UFR10040C	UltraFast	100	400	300	1.5	50	TO-247 TO-3P
UFR12040C	UltraFast	120	400	360	1.5	60	TO-247 TO-3P
UFR14040C	UltraFast	140	400	420	1.5	70	TO-247 TO-3P
UHR1540	HyperFast	15	400	180	1.5	15	TO-220 TO-220F
UHR1040C	HyperFast	10	400	40	1.5	10	TO-220
RS1G	Fast	1	400	30	1.3	1	SMA DO-41
1N5406G	Glass-passivated	3	600	200	1.2	3	DO-201AD
SF18G	Glass-passivated	1	600	30	1.7	1	DO-41
SF28G	Glass-passivated	2	600	50	1.7	2	DO-15
MUR460	Glass-passivated	4	600	60	1.28	4	DO-201AD TO-252
ES1J	SuperFast	1	600	30	1.7	1	SMA SOD-123F
ES2J	SuperFast	2	600	50	1.7	2	SMB
ES3J	SuperFast	3	600	100	1.5	2	SMB SMC
USR860	SuperFast	8	600	100	1.8	8	TO-220-2
UFR1060	SuperFast	10	600	70	1.7	10	TO-220-2 TO-252
UFR2060	SuperFast	20	600	150	1.7	20	TO-220-2
UFR2560	SuperFast	25	600	125	1.7	25	TO-220-2
UMUR2060C	SuperFast	20	600	125	1.6	10	TO-220
UFR3060	SuperFast	30	600	200	2.1	30	TO-247-2 TO-220-2 TO-220
UFR6060	SuperFast	60	600	240	2.1	60	TO-247-2
UFR7560	SuperFast	75	600	260	1.6	75	TO-247-2
BYC5	UltraFast	5	600	40	2.9	5	TO-252 TO-220-2
BYC8	UltraFast	8	600	60	2.9	8	SMB TO-252 TO-220-2
BYC10	UltraFast	10	600	65	2.9	10	TO-252 TO-220-2 TO-220 TO-220F
BYC15	UltraFast	15	600	200	2.9	15	TO-220-2
BYC20	UltraFast	20	600	250	2.9	20	TO-220-2
BYC20C	UltraFast	20	600	65	2.9	10	TO-220 TO-220F
BYR29	UltraFast	8	600	60	1.5	8	TO-220-2

Diode > General Purpose Diode

Part Number	Description	I_O (A) (Range)	VRM(VR) (V) (Range)	I_{FSM} (A)	V_{FM} Rating MAX.(V) (Range)	V_{FM} Conditions IF(A)	Package
BYR79	UltraFast	15	600	130	1.38	15	TO-220-2
UMUR860	UltraFast	8	600	100	1.5	8	TO-220-2 TO-220 TO-252 TO-220-2L TO-220F-2
UMUR860C	UltraFast	4	600	48	1.8	4	TO-220
UMUR1560	UltraFast	15	600	150	1.5	15	TO-220-2
UMUR1660C	UltraFast	16	600	100	1.5	8	TO-262 TO-263 TO-220 TO-220F TO-220F1
UMUR1660	UltraFast	16	600	110	1.5	16	DO-201AD
UMUR2060	UltraFast	20	600	150	1.5	20	TO-220-2
UMUR3060C	UltraFast	30	600	180	1.7	15	TO-247
UUR1660C	UltraFast	16	600	100	1.9	8	TO-263 TO-220 TO-220F TO-220F1
UUR3060C	UltraFast	30	600	180	2.9	15	TO-247
UFR8060C	UltraFast	80	600	330	2	80	TO-3P TO-247
UHRP1560	HyperFast	15	600	150	2.1	15	TO-220-2
RS1006FL	Fast	1	600	30	1.3	1	SOD-123F
RS1J	Fast	1	600	30	1.3	1	SMA DO-41
RS1K	Fast	1	800	30	1.3	1	SMA DO-41
RS1K	Fast	1	800	30	1.3	1	SMA DO-41
GS1010FL	General	1	1000	30	1.1	1	SOD-123F
GS1M	General	1	1000	30	1.1	1	SMAF SMA
S2M	General	2	1000	50	1.1	2	SMA SMB
FR107G	Glass-passivated	1	1000	30	1.3	1	DO-41
1N4007G	Glass-passivated	1	1000	30	1.1	1	DO-41
1N5408G	Glass-passivated	3	1000	150	1	3	DO-201AD DO-201AD1
US1M	UltraFast	1	1000	30	1.7	1	SMA SOD-123F
RS1010FL	Fast	1	1000	30	1.3	1	SOD-123F
RS1M	Fast	1	1000	30	1.3	1	SMA DO-41
UFR05120	SuperFast	5	1200	55	1.8	5	TO-220-2 TO-252
UFR08120	SuperFast	8	1200	80	2.2	8	TO-220-2
UFR12120	SuperFast	12	1200	100	2.2	12	TO-220-2
UFR15120	SuperFast	15	1200	100	2	15	TO-220-2 TO-220F-2
UFR20120	SuperFast	20	1200	160	2	20	TO-220-2
UFR30120	SuperFast	30	1200	210	3.2	30	TO-220-2 TO-247-2
UFR40120	SuperFast	40	1200	210	2.1	40	TO-220-2
UFR75120	SuperFast	75	1200	500	3.2	75	TO-247-2
UHRP15120	HyperFast	15	1200	200	3.2	15	TO-220-2
UHFR30120	HyperFast	30	1200	180	2.1	30	TO-220-2
UMUR60120	HyperFast	60	1200	240	2.8	60	TO-247-2
UUFR30120	UltraFast	30	1200	175	1.9	30	TO-220-2

Diode > Small Signal Switching Diode

PartNo.	VRRM (V) (Range)	IF(AV) (mA) (Range)	IR MAX.(uA)	@VR (V)	VF MAX.(V) (Range)	trr (ns) (Range)	Package
MMBD6100	70	200	0.1	50	1.1	4	SOT-23
BAW56	75	150	2.5	75	1.25	4	SOT-23
BAW56W	75	150	2.5	75	1.25	4	SOT-323
BAV70W	75	150	2.5	75	1.25	4	SOT-323
BAV70S	75	150	0.5	80	1.25	4	SOT-363
BAV70T	75	150	2	75	1.25	4	SOT-523
MMBD7000	75	300	3	100	1.25	4	SOT-23
UMR11N	80	100	0.1	70	1.2	4	SOT-363
BAV70	85	150	2.5	85	1.25	4	SOT-23
BAV99	85	200	2.5	85	1.25	6	SOT-23 SOT-323 SOT-523
BAV99	85	200	2.5	85	1.25	6	SOT-363
1SS184	85	300	0.5	80	1.2		SOT-23
1SS355	90	100	0.1	80	1.2	4	SOD-323
1SS400	90	100	0.1	80	1.2	4	SOD-523
1SS133	90	130	0.5	80	1.2	4	DO-34
1N4148	100	200	5	75	1	4	SOD-123 SOD-323 SOD-523 SOT-23 SOT-323 SOD-80
MMBD4148	100	250	5	75	0.855	4	SOT-23 SOT-323 SOT-523 SOD-123
MMBD4148T	100	200	5	75	0.855	4	SOT-523
MMBD4148CA	100	200	5	75	0.855	4	SOT-23
MMBD4148CC	100	200	5	75	0.855	4	SOT-23
MMBD4148SE	100	200	5	75	0.855	4	SOT-23
BAS299	100	250	1	100	1.25	6	SOT-23
BAS16	100	250	0.5	80	1.25	4	SOD-323F
BAV20W	200	200	0.1	150	1.25	50	SOD-123 SOD-323
BAS21	250	200	0.1	200	1.25	50	SOT-23-3(AE2) SOD-123 SOT-23(SC-59) SOD-323
BAV199	85	160	0.05	75	1.25	3000	SOT-23
BAV199W	85	160	0.005	75	1.25	3000	SOT-323

Diode > Bridge Diode

PartNo.	Io(A) (Range)	VRM (V) (Range)	IFSM (A)	VFMDiode MAX.(V) (Range)	VFMDiode Conditions IF(A)	IRM(IR) Rating MAX.(μA)	IRM(IR) Conditions VR(V)	Package
DB106G	1	800	50	1.1	1	10	800	DFM
DB107G	1	1000	50	1.1	1	10	1000	DFM
SBS34	3	40	80	0.55	3	500	40	ABS
MB05FU	1	50	35	1.1	1	5	50	MBF
MB1FU	1	100	35	1.1	1	5	100	MBF
MB2FU	1	200	35	1.1	1	5	200	MBF
MB4FU	1	400	35	1.1	1	5	400	MBF
MB6FU	1	600	35	1.1	1	5	600	MBF
MB8FU	1	800	35	1.1	1	5	800	MBF
MB10FU	1	1000	35	1.1	1	5	1000	MBF
MB05S	0.8	50	30	1.1	0.8	5	50	MBS
MB1S	0.8	100	30	1.1	0.8	5	100	MBS
MB2S	0.8	200	30	1.1	0.8	5	200	MBS
MB4S	0.8	400	30	1.1	0.8	5	400	MBS
MB6S	0.8	600	30	1.1	0.8	5	600	MBS
MB8S	0.8	800	30	1.1	0.8	5	800	MBS
MB10S	0.8	1000	30	1.1	0.8	5	1000	MBS
MB1SU	1	100	35	1.1	1	5	100	ABS MBS
MB2SU	1	200	35	1.1	1	5	200	ABS MBS
MB4SU	1	400	35	1.1	1	5	400	ABS MBS
MB6SU	1	600	35	1.1	1	5	600	ABS MBS
MB8SU	1	800	35	1.1	1	5	800	ABS MBS
MB10SU	1	1000	35	1.1	1	5	1000	ABS MBS
ABS2	0.8	200	30	0.95	0.4	5	200	ABS
ABS4	0.8	400	30	0.95	0.4	5	400	ABS
ABS6	0.8	600	30	0.95	0.4	5	600	ABS
ABS8	0.8	800	30	0.95	0.4	5	800	ABS
ABS10	0.8	1000	30	0.95	0.4	5	1000	ABS
ABS2U	1	200	35	1.1	1	5	200	ABS
ABS4U	1	400	35	1.1	1	5	400	ABS
ABS6U	1	600	35	1.1	1	5	600	ABS
ABS8U	1	800	35	1.1	1	5	800	ABS
ABS10U	1	1000	35	1.1	1	5	1000	ABS
ABS22	2	200	60	0.95	1	5	200	ABS
ABS24	2	400	60	0.95	1	5	400	ABS
ABS26	2	600	60	0.95	1	5	600	ABS
ABS28	2	800	60	0.95	1	5	800	ABS
ABS210	2	1000	60	0.95	1	5	1000	ABS
GBJ5006	5.2	600	450	1	25	5	600	GBJ
GBJ1506	15	600	240	1	7.5	5	600	GBJ
UYBS3010	3	1000	110	1	1.5	5	1000	YBS

Diode > Zener Diode

PartNo.	Power Dissipation Pd(mW)	VoltageRange VZ@IZT Nom.V (Range)	VoltageRange VZ@IZT Min.V (Range)	Voltage Range VZ@IZT Max.V (Range)	Impedance MAXZZT@IZT Ω	Impedance MAXZZT@IZT mA	Package
BZT52B2V4S	200	2.4	2.352	2.448	85	5	SOT-23 SOD-123 SOD-323
BZT52B2V7S	200	2.7	2.64	2.754	83	5	SOT-23 SOD-123 SOD-323
BZT52B3S	200	3	2.94	3.06	95	5	SOT-23 SOD-123 SOD-323
BZT52B3V3S	200	3.3	3.234	3.366	95	5	SOT-23 SOD-123 SOD-323
BZT52B3V6S	200	3.6	3.52	3.672	95	5	SOT-23 SOD-123 SOD-323
BZT52B3V9S	200	3.9	3.822	3.978	95	5	SOT-23 SOD-123 SOD-323
BZT52B4V3S	200	4.3	4.214	4.386	95	5	SOT-23 SOD-123 SOD-323
BZT52B4V7S	200	4.7	4.606	4.794	78	5	SOT-23 SOD-123 SOD-323
BZT52B5V1S	200	5.1	4.998	5.202	60	5	SOT-23 SOD-123 SOD-323
BZT52B5V6S	200	5.6	5.488	5.712	40	5	SOT-23 SOD-123 SOD-323
BZT52B6V2S	200	6.2	6.076	6.324	10	5	SOT-23 SOD-123 SOD-323
BZT52B6V8S	200	6.8	6.664	6.936	8	5	SOT-23 SOD-123 SOD-323
BZT52B7V5S	200	7.5	7.35	7.65	7	5	SOT-23 SOD-123 SOD-323
BZT52B8V2S	200	8.2	8.036	8.364	7	5	SOT-23 SOD-123 SOD-323
BZT52B8V7S	200	8.7	8.526	8.874	7	5	SOT-23 SOD-123 SOD-323
BZT52B9V1S	200	9.1	8.918	9.282	10	5	SOT-23 SOD-123 SOD-323
BZT52B10S	200	10	9.8	10.2	15	5	SOT-23 SOD-123 SOD-323
BZT52B11S	200	11	10.78	11.22	20	5	SOT-23 SOD-123 SOD-323
BZT52B12S	200	12	11.76	12.24	20	5	SOT-23 SOD-123 SOD-323
BZT52B13S	200	13	12.74	13.26	25	5	SOT-23 SOD-123 SOD-323
BZT52B14S	200	14	13.72	14.28	25	5	SOT-23 SOD-123 SOD-323
BZT52B15S	200	15	14.7	15.3	30	5	SOT-23 SOD-123 SOD-323
BZT52B16S	200	16	15.68	16.32	40	5	SOT-23 SOD-123 SOD-323
BZT52B17S	200	17	16.66	17.34	40	5	SOT-23 SOD-123 SOD-323
BZT52B18S	200	18	17.64	18.36	50	5	SOT-23 SOD-123 SOD-323
BZT52B20S	200	20	19.6	20.4	50	5	SOT-23 SOD-123 SOD-323
BZT52B22S	200	22	21.56	22.44	55	5	SOT-23 SOD-123 SOD-323
BZT52B24S	200	24	23.52	24.48	80	5	SOT-23 SOD-123 SOD-323
BZT52B27S	200	27	26.46	27.54	80	5	SOT-23 SOD-123 SOD-323
BZT52B28S	200	28	27.44	28.56	80	5	SOT-23 SOD-123 SOD-323
BZT52B30S	200	30	29.4	30.6	80	5	SOT-23 SOD-123 SOD-323
BZT52B33S	200	33	32.34	33.66	80	5	SOT-23 SOD-123 SOD-323
BZT52B36S	200	36	35.28	36.72	90	5	SOT-23 SOD-123 SOD-323
BZT52B39S	200	39	38.22	39.78	90	5	SOT-23 SOD-123 SOD-323
BZT52B43S	200	43	42.14	43.86	100	5	SOT-23 SOD-123 SOD-323
BZT52B47S	200	47	46.06	47.94	100	5	SOT-23 SOD-123 SOD-323
BZT52B51S	200	51	49.98	52.02	100	5	SOT-23 SOD-123 SOD-323
BZT52B56S	200	56	54.88	57.12	135	2.5	SOT-23 SOD-123 SOD-323
BZT52B62S	200	62	60.76	63.24	150	2.5	SOT-23 SOD-123 SOD-323
BZT52B68S	200	68	66.64	69.36	200	2.5	SOT-23 SOD-123 SOD-323
BZT52B75S	200	75	73.5	76.5	250	2.5	SOT-23 SOD-123 SOD-323

PartNo.	Power Dissipation Pd(mW)	ZenerVoltageRange VZ@IZT Nom.V (Range)	ZenerVoltageRange VZ@IZT Min.V (Range)	ZenerVoltage Range VZ@IZT Max.V (Range)	ZenerImpedance MAXZZT@IZT Ω	ZenerImpedance MAXZZT@IZT mA	Package
UMMSZ5221B	500	2.4	2.28	2.52	30	20	LL-34
UMMSZ5222B	500	2.5	2.38	2.63	30	20	LL-34
UMMSZ5223B	500	2.7	2.57	2.84	30	20	LL-34
UMMSZ5224B	500	2.8	2.66	2.94	30	20	LL-34
UMMSZ5225B	500	3	2.85	3.15	30	20	LL-34
UMMSZ5226B	500	3.3	3.14	3.47	28	20	LL-34
UMMSZ5227B	500	3.6	3.42	3.78	24	20	LL-34
UMMSZ5228B	500	3.9	3.71	4.1	23	20	LL-34
UMMSZ5230B	500	4.7	4.47	4.94	19	20	LL-34
UMMSZ5231B	500	5.1	4.85	5.36	17	20	LL-34
UMMSZ5232B	500	5.6	5.32	5.88	11	20	LL-34
UMMSZ5233B	500	6	5.7	6.3	7	20	LL-34
UMMSZ5234B	500	6.2	5.89	6.51	7	20	LL-34
UMMSZ5235B	500	6.8	6.46	7.14	5	20	LL-34
UMMSZ5236B	500	7.5	7.13	7.88	6	20	LL-34
UMMSZ5237B	500	8.2	7.79	8.61	8	20	LL-34
UMMSZ5238B	500	8.7	8.27	9.14	8	20	LL-34
UMMSZ5239B	500	9.1	8.65	9.56	10	20	LL-34
UMMSZ5240B	500	10	9.5	10.5	17	20	LL-34
UMMSZ5241B	500	11	10.45	11.55	22	20	LL-34
UMMSZ5242B	500	12	11.4	12.6	30	20	LL-34
UMMSZ5243B	500	13	12.35	13.65	13	9.5	LL-34
UMMSZ5244B	500	14	13.3	14.7	15	9	LL-34
UMMSZ5245B	500	15	14.25	15.75	16	8.5	LL-34
UMMSZ5246B	500	16	15.2	16.8	17	7.8	LL-34
UMMSZ5247B	500	17	16.15	17.85	19	7.5	LL-34
UMMSZ5248B	500	18	17.1	18.9	21	7	LL-34
UMMSZ5249B	500	19	18.05	19.95	23	6.6	LL-34
UMMSZ5250B	500	20	19	21	25	6.2	LL-34
UMMSZ5251B	500	22	20.9	23.1	29	5.6	LL-34
UMMSZ5252B	500	24	22.8	25.2	33	5.2	LL-34
UMMSZ5253B	500	25	23.75	26.25	35	5	LL-34
UMMSZ5254B	500	27	25.65	28.35	41	5	LL-34
UMMSZ5255B	500	28	26.6	29.4	44	4.5	LL-34
UMMSZ5256B	500	30	28.5	31.5	49	4.2	LL-34
UMMSZ5257B	500	33	31.35	34.65	58	3.8	LL-34
UMMSZ5258B	500	36	34.2	37.8	70	3.4	LL-34
UMMSZ5259B	500	39	37.05	40.95	80	3.2	LL-34
UMMSZ5231A	500	5.1	5	5.2	17	20	SOD-123
UMMSZ5234A	500	6.2	6.08	6.32	7	20	SOD-123
UMMSZ5248A	500	18	17.64	18.36	21	7	SOD-123

PartNo.	Power Dissipation Pd(mW)	ZenerVoltageRange VZ@IZT Nom.V (Range)	ZenerVoltageRange VZ@IZT Min.V (Range)	ZenerVoltage Range VZ@IZT Max.V (Range)	ZenerImpedance MAXZZT@IZT Ω	ZenerImpedance MAXZZT@IZT mA	Package
UMMSZ5250A	500	20	19.6	20.4	25	6.2	SOD-123
UMMSZ5221B	500	2.4	2.28	2.52	30	20	SOD-123
UMMSZ5222B	500	2.5	2.38	2.63	30	20	SOD-123
UMMSZ5223B	500	2.7	2.57	2.84	30	20	SOD-123
UMMSZ5224B	500	2.8	2.66	2.94	30	20	SOD-123
UMMSZ5225B	500	3	2.85	3.15	30	20	SOD-123
UMMSZ5226B	500	3.3	3.14	3.47	28	20	SOD-123
UMMSZ5227B	500	3.6	3.42	3.78	24	20	SOD-123
UMMSZ5228B	500	3.9	3.71	4.1	23	20	SOD-123
UMMSZ5229B	500	4.3	4.09	4.52	22	20	SOD-123
UMMSZ5230B	500	4.7	4.47	4.94	19	20	SOD-123
UMMSZ5231B	500	5.1	4.85	5.36	17	20	SOD-123
UMMSZ5232B	500	5.6	5.32	5.88	11	20	SOD-123
UMMSZ5233B	500	6	5.7	6.3	7	20	SOD-123
UMMSZ5234B	500	6.2	5.89	6.51	7	20	SOD-123
UMMSZ5235B	500	6.8	6.46	7.14	5	20	SOD-123
UMMSZ5236B	500	7.5	7.13	7.88	6	20	SOD-123
UMMSZ5237B	500	8.2	7.79	8.61	8	20	SOD-123
UMMSZ5238B	500	8.7	8.27	9.14	8	20	SOD-123
UMMSZ5239B	500	9.1	8.65	9.56	10	20	SOD-123
UMMSZ5240B	500	10	9.5	10.5	17	20	SOD-123
UMMSZ5241B	500	11	10.45	11.55	22	20	SOD-123
UMMSZ5242B	500	12	11.4	12.6	30	20	SOD-123
UMMSZ5243B	500	13	12.35	13.65	13	9.5	SOD-123
UMMSZ5244B	500	14	13.3	14.7	15	9	SOD-123
UMMSZ5245B	500	15	14.25	15.75	16	8.5	SOD-123
UMMSZ5246B	500	16	15.2	16.8	17	7.8	SOD-123
UMMSZ5247B	500	17	16.15	17.85	19	7.5	SOD-123
UMMSZ5248B	500	18	17.1	18.9	21	7	SOD-123
UMMSZ5249B	500	19	18.05	19.95	23	6.6	SOD-123
UMMSZ5250B	500	20	19	21	25	6.2	SOD-123
UMMSZ5251B	500	22	20.9	23.1	29	5.6	SOD-123
UMMSZ5252B	500	24	22.8	25.2	33	5.2	SOD-123
UMMSZ5253B	500	25	23.75	26.25	35	5	SOD-123
UMMSZ5254B	500	27	25.65	28.35	41	5	SOD-123
UMMSZ5255B	500	28	26.6	29.4	44	4.5	SOD-123
UMMSZ5256B	500	30	28.5	31.5	49	4.2	SOD-123
UMMSZ5257B	500	33	31.35	34.65	58	3.8	SOD-123
UMMSZ5258B	500	36	34.2	37.8	70	3.4	SOD-123
UMMSZ5259B	500	39	37.05	40.95	80	3.2	SOD-123
UMMSZ5260B	500	43	40.85	45.15	93	3	SOD-123

PartNo.	Power Dissipation Pd(mW)	ZenerVoltageRange VZ@IZT Nom.V (Range)	ZenerVoltageRange VZ@IZT Min.V (Range)	ZenerVoltage Range VZ@IZT Max.V (Range)	ZenerImpedance MAXZZT@IZT Ω	ZenerImpedance MAXZZT@IZT mA	Package
UMMSZ5261B	500	47	44.65	49.35	105	2.7	SOD-123
UMMSZ5262B	500	51	48.45	53.55	125	2.5	SOD-123
UMMSZ5221B	330	2.4	2.28	2.52	30	20	SOD-323
UMMSZ5222B	330	2.5	2.38	2.63	30	20	SOD-323
UMMSZ5223B	330	2.7	2.57	2.84	30	20	SOD-323
UMMSZ5224B	330	2.8	2.66	2.94	30	20	SOD-323
UMMSZ5225B	330	3	2.85	3.15	30	20	SOD-323
UMMSZ5226B	330	3.3	3.14	3.47	28	20	SOD-323
UMMSZ5227B	330	3.6	3.42	3.78	24	20	SOD-323
UMMSZ5228B	330	3.9	3.71	4.1	23	20	SOD-323
UMMSZ5229B	330	4.3	4.09	4.52	22	20	SOD-323
UMMSZ5230B	330	4.7	4.47	4.94	19	20	SOD-323
UMMSZ5231B	330	5.1	4.85	5.36	17	20	SOD-323
UMMSZ5232B	330	5.6	5.32	5.88	11	20	SOD-323
UMMSZ5233B	330	6	5.7	6.3	7	20	SOD-323
UMMSZ5234B	330	6.2	5.89	6.51	7	20	SOD-323
UMMSZ5235B	330	6.8	6.46	7.14	5	20	SOD-323
UMMSZ5236B	330	7.5	7.13	7.88	6	20	SOD-323
UMMSZ5237B	330	8.2	7.79	8.61	8	20	SOD-323
UMMSZ5238B	330	8.7	8.27	9.14	8	20	SOD-323
UMMSZ5239B	330	9.1	8.65	9.56	10	20	SOD-323
UMMSZ5240B	330	10	9.5	10.5	17	20	SOD-323
UMMSZ5241B	330	11	10.45	11.55	22	20	SOD-323
UMMSZ5242B	330	12	11.4	12.6	30	20	SOD-323
UMMSZ5243B	330	13	12.35	13.65	13	9.5	SOD-323
UMMSZ5244B	330	14	13.3	14.7	15	9	SOD-323
UMMSZ5245B	330	15	14.25	15.75	16	8.5	SOD-323
UMMSZ5246B	330	16	15.2	16.8	17	7.8	SOD-323
UMMSZ5247B	330	17	16.15	17.85	19	7.5	SOD-323
UMMSZ5248B	330	18	17.1	18.9	21	7	SOD-323
UMMSZ5249B	330	19	18.05	19.95	23	6.6	SOD-323
UMMSZ5250B	330	20	19	21	25	6.2	SOD-323
UMMSZ5251B	330	22	20.9	23.1	29	5.6	SOD-323
UMMSZ5252B	330	24	22.8	25.2	33	5.2	SOD-323
UMMSZ5253B	330	25	23.75	26.25	35	5	SOD-323
UMMSZ5254B	330	27	25.65	28.35	41	5	SOD-323
UMMSZ5255B	330	28	26.6	29.4	44	4.5	SOD-323
UMMSZ5256B	330	30	28.5	31.5	49	4.2	SOD-323
UMMSZ5257B	330	33	31.35	34.65	58	3.8	SOD-323
UMMSZ5258B	330	36	34.2	37.8	70	3.4	SOD-323
UMMSZ5259B	330	39	37.05	40.95	80	3.2	SOD-323

PartNo.	Power Dissipation Pd(mW)	ZenerVoltageRange VZ@IZT Nom.V (Range)	ZenerVoltageRange VZ@IZT Min.V (Range)	ZenerVoltage Range VZ@IZT Max.V (Range)	ZenerImpedance MAXZZT@IZT Ω	ZenerImpedance MAXZZT@IZT mA	Package
UMMSZ5260B	330	43	40.85	45.15	93	3	SOD-323
UMMSZ5261B	330	47	44.65	49.35	105	2.7	SOD-323
UMMSZ5262B	330	51	48.45	53.55	125	2.5	SOD-323
UMMSZ5221B	250	2.4	2.28	2.52	30	20	SOD-523
UMMSZ5222B	250	2.5	2.38	2.63	30	20	SOD-523
UMMSZ5223B	250	2.7	2.57	2.84	30	20	SOD-523
UMMSZ5224B	250	2.8	2.66	2.94	30	20	SOD-523
UMMSZ5225B	250	3	2.85	3.15	30	20	SOD-523
UMMSZ5226B	250	3.3	3.14	3.47	28	20	SOD-523
UMMSZ5227B	250	3.6	3.42	3.78	24	20	SOD-523
UMMSZ5228B	250	3.9	3.71	4.1	23	20	SOD-523
UMMSZ5229B	250	4.3	4.09	4.52	22	20	SOD-523
UMMSZ5230B	250	4.7	4.47	4.94	19	20	SOD-523
UMMSZ5231B	250	5.1	4.85	5.36	17	20	SOD-523
UMMSZ5232B	250	5.6	5.32	5.88	11	20	SOD-523
UMMSZ5233B	250	6	5.7	6.3	7	20	SOD-523
UMMSZ5234B	250	6.2	5.89	6.51	7	20	SOD-523
UMMSZ5235B	250	6.8	6.46	7.14	5	20	SOD-523
UMMSZ5236B	250	7.5	7.13	7.88	6	20	SOD-523
UMMSZ5237B	250	8.2	7.79	8.61	8	20	SOD-523
UMMSZ5238B	250	8.7	8.27	9.14	8	20	SOD-523
UMMSZ5239B	250	9.1	8.65	9.56	10	20	SOD-523
UMMSZ5240B	250	10	9.5	10.5	17	20	SOD-523
UMMSZ5241B	250	11	10.45	11.55	22	20	SOD-523
UMMSZ5242B	250	12	11.4	12.6	30	20	SOD-523
UMMSZ5243B	250	13	12.35	13.65	13	9.5	SOD-523
UMMSZ5244B	250	14	13.3	14.7	15	9	SOD-523
UMMSZ5245B	250	15	14.25	15.75	16	8.5	SOD-523
UMMSZ5246B	250	16	15.2	16.8	17	7.8	SOD-523
UMMSZ5247B	250	17	16.15	17.85	19	7.5	SOD-523
UMMSZ5248B	250	18	17.1	18.9	21	7	SOD-523
UMMSZ5249B	250	19	18.05	19.95	23	6.6	SOD-523
UMMSZ5250B	250	20	19	21	25	6.2	SOD-523
UMMSZ5251B	250	22	20.9	23.1	29	5.6	SOD-523
UMMSZ5252B	250	24	22.8	25.2	33	5.2	SOD-523
UMMSZ5253B	250	25	23.75	26.25	35	5	SOD-523
UMMSZ5254B	250	27	25.65	28.35	41	5	SOD-523
UMMSZ5255B	250	28	26.6	29.4	44	4.5	SOD-523
UMMSZ5256B	250	30	28.5	31.5	49	4.2	SOD-523
UMMSZ5257B	250	33	31.35	34.65	58	3.8	SOD-523
UMMSZ5258B	250	36	34.2	37.8	70	3.4	SOD-523

PartNo.	Power Dissipation Pd(mW)	ZenerVoltageRange VZ@IZT Nom.V (Range)	ZenerVoltageRange VZ@IZT Min.V (Range)	ZenerVoltage Range VZ@IZT Max.V (Range)	ZenerImpedance MAXZZT@IZT Ω	ZenerImpedance MAXZZT@IZT mA	Package
UMMSZ5259B	250	39	37.05	40.95	80	3.2	SOD-523
UMMSZ5260B	250	43	40.85	45.15	93	3	SOD-523
UMMSZ5261B	250	47	44.65	49.35	105	2.7	SOD-523
UMMSZ5262B	250	51	48.45	53.55	125	2.5	SOD-523
UMMSZ5221B	200	2.4	2.28	2.52	30	20	SOT-23
UMMSZ5222B	200	2.5	2.38	2.63	30	20	SOT-23
UMMSZ5223B	200	2.7	2.57	2.84	30	20	SOT-23
UMMSZ5224B	200	2.8	2.66	2.94	30	20	SOT-23
UMMSZ5225B	200	3	2.85	3.15	30	20	SOT-23
UMMSZ5226B	200	3.3	3.14	3.47	28	20	SOT-23
UMMSZ5227B	200	3.6	3.42	3.78	24	20	SOT-23
UMMSZ5228B	200	3.9	3.71	4.1	23	20	SOT-23
UMMSZ5229B	200	4.3	4.09	4.52	22	20	SOT-23
UMMSZ5230B	200	4.7	4.47	4.94	19	20	SOT-23
UMMSZ5231B	200	5.1	4.85	5.36	17	20	SOT-23
UMMSZ5232B	200	5.6	5.32	5.88	11	20	SOT-23
UMMSZ5233B	200	6	5.7	6.3	7	20	SOT-23
UMMSZ5234B	200	6.2	5.89	6.51	7	20	SOT-23
UMMSZ5235B	200	6.8	6.46	7.14	5	20	SOT-23
UMMSZ5236B	200	7.5	7.13	7.88	6	20	SOT-23
UMMSZ5237B	200	8.2	7.79	8.61	8	20	SOT-23
UMMSZ5238B	200	8.7	8.27	9.14	8	20	SOT-23
UMMSZ5239B	200	9.1	8.65	9.56	10	20	SOT-23
UMMSZ5240B	200	10	9.5	10.5	17	20	SOT-23
UMMSZ5241B	200	11	10.45	11.55	22	20	SOT-23
UMMSZ5242B	200	12	11.4	12.6	30	20	SOT-23
UMMSZ5243B	200	13	12.35	13.65	13	9.5	SOT-23
UMMSZ5244B	200	14	13.3	14.7	15	9	SOT-23
UMMSZ5245B	200	15	14.25	15.75	16	8.5	SOT-23
UMMSZ5246B	200	16	15.2	16.8	17	7.8	SOT-23
UMMSZ5247B	200	17	16.15	17.85	19	7.5	SOT-23
UMMSZ5248B	200	18	17.1	18.9	21	7	SOT-23
UMMSZ5249B	200	19	18.05	19.95	23	6.6	SOT-23
UMMSZ5250B	200	20	19	21	25	6.2	SOT-23
UMMSZ5251B	200	22	20.9	23.1	29	5.6	SOT-23
UMMSZ5252B	200	24	22.8	25.2	33	5.2	SOT-23
UMMSZ5253B	200	25	23.75	26.25	35	5	SOT-23
UMMSZ5254B	200	27	25.65	28.35	41	5	SOT-23
UMMSZ5255B	200	28	26.6	29.4	44	4.5	SOT-23
UMMSZ5256B	200	30	28.5	31.5	49	4.2	SOT-23
UMMSZ5257B	200	33	31.35	34.65	58	3.8	SOT-23

PartNo.	Power Dissipation Pd(mW)	ZenerVoltageRange VZ@IZT Nom.V (Range)	ZenerVoltageRange VZ@IZT Min.V (Range)	ZenerVoltage Range VZ@IZT Max.V (Range)	ZenerImpedance MAXZZT@IZT Ω	ZenerImpedance MAXZZT@IZT mA	Package
UMMSZ5258B	200	36	34.2	37.8	70	3.4	SOT-23
UMMSZ5259B	200	39	37.05	40.95	80	3.2	SOT-23
UMMSZ5260B	200	43	40.85	45.15	93	3	SOT-23
UMMSZ5261B	200	47	44.65	49.35	105	2.7	SOT-23
UMMSZ5262B	200	51	48.45	53.55	125	2.5	SOT-23
ZD1.8	225	1.8	1.71	1.89	100	5	SOD-123
ZD2.4	225	2.4	2.28	2.52	100	5	SOD-123
ZD2.5	225	2.5	2.375	2.625	100	5	SOD-123
ZD3.3	225	3.3	3.135	3.465	100	5	SOD-123
ZD3.9	225	3.9	3.705	4.095	100	5	SOD-123
ZD4.3	225	4.3	4.085	4.515	100	5	SOD-123
ZD4.7	225	4.7	4.465	4.935	100	5	SOD-123
ZD5.1	225	5.1	4.845	5.355	80	5	SOD-123
ZD5.6	225	5.6	5.32	5.88	60	5	SOD-123
ZD6.0	225	6	5.7	6.3	60	5	SOD-123
ZD6.2	225	6.2	5.89	6.51	60	5	SOD-123
ZD6.8	225	6.8	6.46	7.14	40	5	SOD-123
ZD7.5	225	7.5	7.125	7.875	30	5	SOD-123
ZD8.2	225	8.2	7.79	8.61	30	5	SOD-123
ZD9.1	225	9.1	8.645	9.555	30	5	SOD-123
ZD10	225	10	9.5	10.5	30	5	SOD-123
ZD11	225	11	10.45	11.55	30	5	SOD-123
ZD12	225	12	11.4	12.6	30	5	SOD-123
ZD13	225	13	12.35	13.65	37	5	SOD-123
ZD15	225	15	14.25	15.75	42	5	SOD-123
ZD16	225	16	15.2	16.8	50	5	SOD-123
ZD18	225	18	17.1	18.9	65	5	SOD-123
ZD20	225	20	19	21	85	5	SOD-123
ZD22	225	22	20.9	23.1	100	5	SOD-123
ZD24	225	24	22.8	25.2	120	5	SOD-123
ZD25	225	25	23.75	26.25	130	5	SOD-123
ZD27	225	27	25.65	28.35	150	5	SOD-123
ZD30	225	30	28.5	31.5	200	5	SOD-123
ZD33	225	33	31.35	34.65	250	5	SOD-123
ZD36	225	36	34.2	37.8	300	5	SOD-123
ZD1.8	225	1.8	1.71	1.89	100	5	SOD-323
ZD2.4	225	2.4	2.28	2.52	100	5	SOD-323
ZD2.5	225	2.5	2.375	2.625	100	5	SOD-323
ZD3.3	225	3.3	3.135	3.465	100	5	SOD-323
ZD3.9	225	3.9	3.705	4.095	100	5	SOD-323
ZD4.3	225	4.3	4.085	4.515	100	5	SOD-323

Part No.	Power Dissipation Pd(mW)	Zener Voltage Range VZ@IZT Nom.V (Range)	Zener Voltage Range VZ@IZT Min.V (Range)	Zener Voltage Range VZ@IZT Max.V (Range)	Zener Impedance MAXZZT@IZT Ω	Zener Impedance MAXZZT@IZT mA	Package
ZD4.7	225	4.7	4.465	4.935	100	5	SOD-323
ZD5.1	225	5.1	4.845	5.355	80	5	SOD-323
ZD5.6	225	5.6	5.32	5.88	60	5	SOD-323
ZD6.0	225	6	5.7	6.3	60	5	SOD-323
ZD6.2	225	6.2	5.89	6.51	60	5	SOD-323
ZD6.8	225	6.8	6.46	7.14	40	5	SOD-323
ZD7.5	225	7.5	7.125	7.875	30	5	SOD-323
ZD8.2	225	8.2	7.79	8.61	30	5	SOD-323
ZD9.1	225	9.1	8.645	9.555	30	5	SOD-323
ZD10	225	10	9.5	10.5	30	5	SOD-323
ZD11	225	11	10.45	11.55	30	5	SOD-323
ZD12	225	12	11.4	12.6	30	5	SOD-323
ZD13	225	13	12.35	13.65	37	5	SOD-323
ZD15	225	15	14.25	15.75	42	5	SOD-323
ZD16	225	16	15.2	16.8	50	5	SOD-323
ZD18	225	18	17.1	18.9	65	5	SOD-323
ZD20	225	20	19	21	85	5	SOD-323
ZD22	225	22	20.9	23.1	100	5	SOD-323
ZD24	225	24	22.8	25.2	120	5	SOD-323
ZD25	225	25	23.75	26.25	130	5	SOD-323
ZD27	225	27	25.65	28.35	150	5	SOD-323
ZD30	225	30	28.5	31.5	200	5	SOD-323
ZD33	225	33	31.35	34.65	250	5	SOD-323
ZD36	225	36	34.2	37.8	300	5	SOD-323
ZD1.8	225	1.8	1.71	1.89	100	5	SOT-23
ZD2.4	225	2.4	2.28	2.52	100	5	SOT-23
ZD2.5	225	2.5	2.375	2.625	100	5	SOT-23
ZD3.3	225	3.3	3.135	3.465	100	5	SOT-23
ZD3.9	225	3.9	3.705	4.095	100	5	SOT-23
ZD4.3	225	4.3	4.085	4.515	100	5	SOT-23
ZD4.7	225	4.7	4.465	4.935	100	5	SOT-23
ZD5.1	225	5.1	4.845	5.355	80	5	SOT-23
ZD5.6	225	5.6	5.32	5.88	60	5	SOT-23
ZD6.0	225	6	5.7	6.3	60	5	SOT-23
ZD6.2	225	6.2	5.89	6.51	60	5	SOT-23
ZD6.8	225	6.8	6.46	7.14	40	5	SOT-23
ZD7.5	225	7.5	7.125	7.875	30	5	SOT-23
ZD8.2	225	8.2	7.79	8.61	30	5	SOT-23
ZD9.1	225	9.1	8.645	9.555	30	5	SOT-23
ZD10	225	10	9.5	10.5	30	5	SOT-23
ZD11	225	11	10.45	11.55	30	5	SOT-23

Part No.	Power Dissipation Pd(mW)	Zener Voltage Range VZ@IZT Nom.V (Range)	Zener Voltage Range VZ@IZT Min.V (Range)	Zener Voltage Range VZ@IZT Max.V (Range)	Zener Impedance MAXZZT@IZT Ω	Zener Impedance MAXZZT@IZT mA	Package
ZD12	225	12	11.4	12.6	30	5	SOT-23
ZD13	225	13	12.35	13.65	37	5	SOT-23
ZD15	225	15	14.25	15.75	42	5	SOT-23
ZD16	225	16	15.2	16.8	50	5	SOT-23
ZD18	225	18	17.1	18.9	65	5	SOT-23
ZD20	225	20	19	21	85	5	SOT-23
ZD22	225	22	20.9	23.1	100	5	SOT-23
ZD24	225	24	22.8	25.2	120	5	SOT-23
ZD25	225	25	23.75	26.25	130	5	SOT-23
ZD27	225	27	25.65	28.35	150	5	SOT-23
ZD30	225	30	28.5	31.5	200	5	SOT-23
ZD33	225	33	31.35	34.65	250	5	SOT-23
ZD36	225	36	34.2	37.8	300	5	SOT-23
1N4745A	1000	16	–	–	16	0.25	DO-41
UUDZ12B	200	12	11.74	12.24	30	5	SOD-323
BZT52C2V0S	200	2	1.91	2.09	100	5	SOD-123
BZT52C2V4S	200	2.4	2.2	2.6	100	5	SOD-123
BZT52C2V7S	200	2.7	2.5	2.9	100	5	SOD-123
BZT52C3S	200	3	2.8	3.2	100	5	SOD-123
BZT52C3V3S	200	3.3	3.1	3.5	95	5	SOD-123
BZT52C3V6S	200	3.6	3.4	3.8	95	5	SOD-123
BZT52C3V9S	200	3.9	3.7	4.1	90	5	SOD-123
BZT52C4V3S	200	4.3	4	4.6	90	5	SOD-123
BZT52C4V7S	200	4.7	4.4	5	90	5	SOD-123
BZT52C5V1S	200	5.1	4.8	5.4	60	5	SOD-123
BZT52C5V6S	200	5.6	5.2	6	40	5	SOD-123
BZT52C6V2S	200	6.2	5.8	6.6	10	5	SOD-123
BZT52C6V8S	200	6.8	6.4	7.2	15	5	SOD-123
BZT52C7V5S	200	7.5	7	7.9	15	5	SOD-123
BZT52C8V2S	200	8.2	7.7	8.7	15	5	SOD-123
BZT52C9V1S	200	9.1	8.5	9.6	15	5	SOD-123
BZT52C10S	200	10	9.4	10.6	15	5	SOD-123
BZT52C11S	200	11	10.4	11.6	15	5	SOD-123
BZT52C12S	200	12	11.4	12.7	25	5	SOD-123
BZT52C13S	200	13	12.4	14.1	30	5	SOD-123
BZT52C15S	200	15	13.8	15.6	30	5	SOD-123
BZT52C16S	200	16	15.3	17.1	40	5	SOD-123
BZT52C18S	200	18	16.8	19.1	45	5	SOD-123
BZT52C20S	200	20	18.8	21.2	55	5	SOD-123
BZT52C22S	200	22	20.8	23.3	55	5	SOD-123
BZT52C24S	200	24	22.8	25.6	70	5	SOD-123

Part No.	Power Dissipation Pd(mW)	Zener Voltage Range VZ@IZT Nom.V (Range)	Zener Voltage Range VZ@IZT Min.V (Range)	Zener Voltage Range VZ@IZT Max.V (Range)	Zener Impedance MAXZZT@IZT Ω	Zener Impedance MAXZZT@IZT mA	Package
BZT52C27S	200	27	25.1	28.9	80	2	SOD-123
BZT52C30S	200	30	28	32	80	2	SOD-123
BZT52C33S	200	33	31	35	80	2	SOD-123
BZT52C36S	200	36	34	38	90	2	SOD-123
BZT52C39S	200	39	37	41	130	2	SOD-123
BZT52C2V0S	200	2	1.91	2.09	100	5	SOD-323
BZT52C2V4S	200	2.4	2.2	2.6	100	5	SOD-323
BZT52C2V7S	200	2.7	2.5	2.9	100	5	SOD-323
BZT52C3S	200	3	2.8	3.2	100	5	SOD-323
BZT52C3V3S	200	3.3	3.1	3.5	95	5	SOD-323
BZT52C3V6S	200	3.6	3.4	3.8	95	5	SOD-323
BZT52C3V9S	200	3.9	3.7	4.1	90	5	SOD-323
BZT52C4V3S	200	4.3	4	4.6	90	5	SOD-323
BZT52C4V7S	200	4.7	4.4	5	90	5	SOD-323
BZT52C5V1S	200	5.1	4.8	5.4	60	5	SOD-323
BZT52C5V6S	200	5.6	5.2	6	40	5	SOD-323
BZT52C6V2S	200	6.2	5.8	6.6	10	5	SOD-323
BZT52C6V8S	200	6.8	6.4	7.2	15	5	SOD-323
BZT52C7V5S	200	7.5	7	7.9	15	5	SOD-323
BZT52C8V2S	200	8.2	7.7	8.7	15	5	SOD-323
BZT52C9V1S	200	9.1	8.5	9.6	15	5	SOD-323
BZT52C10S	200	10	9.4	10.6	15	5	SOD-323
BZT52C11S	200	11	10.4	11.6	15	5	SOD-323
BZT52C12S	200	12	11.4	12.7	25	5	SOD-323
BZT52C13S	200	13	12.4	14.1	30	5	SOD-323
BZT52C15S	200	15	13.8	15.6	30	5	SOD-323
BZT52C16S	200	16	15.3	17.1	40	5	SOD-323
BZT52C18S	200	18	16.8	19.1	45	5	SOD-323
BZT52C20S	200	20	18.8	21.2	55	5	SOD-323
BZT52C22S	200	22	20.8	23.3	55	5	SOD-323
BZT52C24S	200	24	22.8	25.6	70	5	SOD-323
BZT52C27S	200	27	25.1	28.9	80	2	SOD-323
BZT52C30S	200	30	28	32	80	2	SOD-323
BZT52C33S	200	33	31	35	80	2	SOD-323
BZT52C36S	200	36	34	38	90	2	SOD-323
BZT52C39S	200	39	37	41	130	2	SOD-323
UMMBZ5V6	300	5.6	5.32	5.88	11	20	SOT-23
UMMBZ6V2	300	6.2	5.89	6.51			SOT-23
UMMBZ9V1	300	9.1	8.65	9.56			SOT-23
UMMBZ10V	300	10	9.5	10.5			SOT-23
UMMBZ12V	300	12	11.4	12.6			SOT-23

Part No.	Power Dissipation Pd(mW)	Zener Voltage Range VZ@IZT Nom.V (Range)	Zener Voltage Range VZ@IZT Min.V (Range)	Zener Voltage Range VZ@IZT Max.V (Range)	Zener Impedance MAXZZT@IZT Ω	Zener Impedance MAXZZT@IZT mA	Package
UMMBZ15V	300	15	14.3	15.8			SOT-23
UMMBZ18V	300	18	17.1	18.9			SOT-23
UMMBZ20V	300	20	19	21			SOT-23
UMMBZ27V	300	27	25.65	28.35			SOT-23
UMMBZ33V	300	33	31.35	34.65			SOT-23
UMMBZ39V	300	39	37.05	40.95			SOT-23
BZT52C2V0S	410	2	1.91	2.09	100	5	SOT-23
BZT52C2V4S	410	2.4	2.2	2.6	100	5	SOT-23
BZT52C2V7S	410	2.7	2.5	2.9	100	5	SOT-23
BZT52C3S	410	3	2.8	3.2	100	5	SOT-23
BZT52C3V3S	410	3.3	3.1	3.5	95	5	SOT-23
BZT52C3V6S	410	3.6	3.4	3.8	95	5	SOT-23
BZT52C3V9S	410	3.9	3.7	4.1	90	5	SOT-23
BZT52C4V3S	410	4.3	4	4.6	90	5	SOT-23
BZT52C4V7S	410	4.7	4.4	5	90	5	SOT-23
BZT52C5V1S	410	5.1	4.8	5.4	60	5	SOT-23
BZT52C5V6S	410	5.6	5.2	6	40	5	SOT-23
BZT52C6V2S	410	6.2	5.8	6.6	10	5	SOT-23
BZT52C6V8S	410	6.8	6.4	7.2	15	5	SOT-23
BZT52C7V5S	410	7.5	7	7.9	15	5	SOT-23
BZT52C8V2S	410	8.2	7.7	8.7	15	5	SOT-23
BZT52C9V1S	410	9.1	8.5	9.6	15	5	SOT-23
BZT52C10S	410	10	9.4	10.6	15	5	SOT-23
BZT52C11S	410	11	10.4	11.6	15	5	SOT-23
BZT52C12S	410	12	11.4	12.7	25	5	SOT-23
BZT52C13S	410	13	12.4	14.1	30	5	SOT-23
BZT52C15S	410	15	13.8	15.6	30	5	SOT-23
BZT52C16S	410	16	15.3	17.1	40	5	SOT-23
BZT52C18S	410	18	16.8	19.1	45	5	SOT-23
BZT52C20S	410	20	18.8	21.2	55	5	SOT-23
BZT52C22S	410	22	20.8	23.3	55	5	SOT-23
BZT52C24S	410	24	22.8	25.6	70	5	SOT-23
BZT52C27S	410	27	25.1	28.9	80	2	SOT-23
BZT52C30S	410	30	28	32	80	2	SOT-23
BZT52C33S	410	33	31	35	80	2	SOT-23
BZT52C36S	410	36	34	38	90	2	SOT-23
BZT52C39S	410	39	37	41	130	2	SOT-23
MM1ZXX	350	30	28	32	80	2	SOT-23
DZ23C15	300	15	13.8	15.6	30	5	SOT-23
DZ23C22	300	22	20.8	23.3	55	5	SOT-23
DZ23C24	300	24	22.8	25.6	80	5	SOT-23

Diode > Zener Diode

Part No.	Power Dissipation Pd(mW)	Zener Voltage Range VZ@IZT Nom.V (Range)	Zener Voltage Range VZ@IZT Min.V (Range)	Zener Voltage Range VZ@IZT Max.V (Range)	Zener Impedance MAXZZT@IZT Ω	Zener Impedance MAXZZT@IZT mA	Package
ZD7.5VS	225	7.5	7.29	7.71	6	20	SOT-23
ZD9.1VS	225	9.1	8.84	9.35	10	20	SOT-23
USMA5919	500	5.6	5.32	5.88	2	66.9	SMA
USMB5920	500	6.2	5.89	6.51	2	60.5	SMA
USMA5923	500	8.2	7.79	8.61	3.5	45.7	SMA
USMA5931	500	18	17.1	18.9	12	20.8	SMA
USMB5913	500	3.3	3.13	3.47	10	113.6	SMB
USMB5914	500	3.6	3.42	3.78	9	104.2	SMB
USMB5915	500	3.9	3.7	4.1	7.5	96.1	SMB
USMB5916	500	4.3	4.08	4.52	6	87.2	SMB
USMB5917	500	4.7	4.46	4.94	5	79.8	SMB
USMB5918	500	5.1	4.84	5.36	4	73.5	SMB
USMB5919	500	5.6	5.32	5.88	2	66.9	SMB
USMB5920	500	6.2	5.89	6.51	2	60.5	SMB
USMB5921	500	6.8	6.46	7.14	2.5	55.1	SMB
USMB5922	500	7.5	7.12	7.88	3	50	SMB
USMB5923	500	8.2	7.79	8.61	3.5	45.7	SMB
USMB5924	500	9.1	8.64	9.56	4	41.2	SMB
USMB5925	500	10	9.5	10.5	4.5	37.5	SMB
USMB5926	500	11	10.45	11.55	5.5	34.1	SMB
USMB5927	500	12	11.4	12.6	6.5	31.2	SMB
USMB5928	500	13	12.35	13.65	7	28.8	SMB
USMB5929	500	15	14.25	15.75	9	25	SMB
USMB5930	500	16	15.2	16.8	10	23.4	SMB
USMB5931	500	18	17.1	18.9	12	20.8	SMB
USMB5932	500	20	19	21	14	18.7	SMB
USMB5933	500	22	20.9	23.1	17.5	17	SMB
USMB5934	500	24	22.8	25.2	19	15.6	SMB
USMB5935	500	27	25.65	28.35	23	13.9	SMB
USMB5936	500	30	28.5	31.5	28	12.5	SMB
USMB5937	500	33	31.35	34.65	33	11.4	SMB
USMB5938	500	36	34.2	37.8	38	10.4	SMB
USMB5939	500	39	37.05	40.95	45	9.6	SMB
USMB5940	500	43	40.85	45.15	53	8.7	SMB
USMB5941	500	47	44.65	49.35	67	8	SMB
USMB5942	500	51	48.45	53.55	70	7.3	SMB
USMB5943	500	56	53.2	58.8	86	6.7	SMB
USMB5944	500	62	58.9	65.1	100	6	SMB
USMB5945	500	68	64.6	71.4	120	5.5	SMB
USMB5946	500	75	71.25	78.75	140	5	SMB
USMB5947	500	82	77.9	86.1	160	4.6	SMB

Diode > Zener Diode

Part No.	Power Dissipation Pd(mW)	Zener Voltage Range VZ@IZT Nom.V (Range)	Zener Voltage Range VZ@IZT Min.V (Range)	Zener Voltage Range VZ@IZT Max.V (Range)	Zener Impedance MAXZZT@IZT Ω	Zener Impedance MAXZZT@IZT mA	Package
USMB5948	500	91	86.45	95.55	200	4.1	SMB
USMB5949	500	100	95	105	250	3.7	SMB
USMB5951	500	120	114	126	380	3.1	SMB
USMB5952	500	130	123.5	136.5	450	2.9	SMB
USMB5953	500	150	142.5	157.5	600	2.5	SMB
USMB5954	500	160	152	168	700	2.3	SMB
USMB5955	500	180	171	189	900	2.1	SMB
USMB5956	500	200	190	210	1200	1.9	SMB

Diode > Current Regulator Diode

Part No.	PeakOperating Voltage (V)	TestVoltage (V)	IP (mA) Min (Range)	IP(mA) Nom (Range)	IP(mA) Max (Range)	Package
UCR650-40	40.0	10.0	5.000	6.50	8.000	TO-92-2 SOD-123 SOT-89 TO-220 TO-251 TO-252 DO-41 DO-15
UCR1550-40	40.0	10.0	13.000	15.50	18.000	TO-92-2 SOD-123 SOT-89 TO-220 TO-251 TO-252 DO-41 DO-15
UCR100-70	70.0	10.0	0.800	1.00	1.200	TO-92-2 SOD-123
UCR2050-70	70.0	10.0	17.000	20.50	24.000	TO-92-2 SOD-123

Diode > Diode Controller

Part No.	DRAIN-BIAS Voltage (V)	SOURCE-DRAIN Voltage (V)	DRAIN-REF Voltage (V)	SOURCE Current (uA)	Turn-Off Differential Voltage (mV)Min.	Turn-Off Differential Voltage (mV)Max.	Package
UDCDP06	40.0	50.0	0.595	6.70	5	80	SOT-363

Photocoupler > Photocoupler Transistor

Part No.	V_F (V) (MAX.)	I_R (uA) (MAX.)	C_{IN} (pF) (MAX.)	I_{CEO} (nA) (MAX.)	BV_{CEO} (V) (MIN.)	BV_{CEO} (V) (MIN.)	CTR % (MIN.)	CTR % (MAX.)	VCESAT V (MAX.)	Package
UPC816	1.4	10	250	100	80	6	50	600	0.2	SMD-4 SMD-4C DIP-4 DIP-4C DIP-4M
UPC357	1.4	5	250	100	80	7	50	600	0.2	SMD-4
UPC817	1.4	10	250	100	35	6	50	600	0.2	SMD-4 DIP-4 DIP-4M DIP-4C DIP-4MC SMD-4C
UPC8171	1.4	10		100	350	6	20	300	0.3	DIP-4
UTC10XX	1.4	10		100	80	7	50	500	0.3	LSOP-4
UPC10XX	1.4	10.0		100	80	7	50	600	0.3	LSOP-4

Photocoupler > Photo TRIAC

Part No.	I_F (ON) (mA) MIN.	I_F (ON) (mA) MAX.	V_F (V) (MAX.)	I_R (uA) (MAX.)	VTM (V) (MAX.)	IDRM (uA) (MAX.)	VDRM (V) (MAX.)	IH (mA) (MAX.)	Package
UPT0133	-	10	1.4	10	3.0	100	600	25	DIP-8A SMD-8A
UPT3223	-	10	1.3	10	2.5	100	600	25	DIP-8A SMD-8A
UPT2223	-	10	1.3	10	2.5	100	600	25	DIP-8A SMD-8A
UPT1223	-	50	1.3	10	2.5	100	600	25	DIP-8A SMD-8A
UPT3041	-	15	1.5	10	2.5	0.5	400	-	DIP-6 DIP-4
UPT3061	-	15	1.5	10	2.5	0.5	600	-	DIP-6 DIP-4
UPT3081	-	15	1.5	10	2.5	0.5	800	-	DIP-6 DIP-4
UPT3042	-	10	1.5	10	2.5	0.5	400	-	DIP-6 DIP-4
UPT3062	-	10	1.5	10	2.5	0.5	600	-	DIP-6 DIP-4
UPT3082	-	10	1.5	10	2.5	0.5	800	-	DIP-6 DIP-4
UPT3043	-	5	1.5	10	2.5	0.5	400	-	DIP-6 DIP-4
UPT3063	-	5	1.5	10	2.5	0.5	600	-	DIP-6DIP-4
UPT3083	-	5	1.5	10	2.5	0.5	800	-	DIP-6DIP-4
UOC3020S	-	30	1.5	100	2.5	100	400	-	DIP-4
UOC3021S	-	15	1.5	100	2.5	100	400	-	DIP-4

TVS > ESD TVS

Part No.	MAX.Ratings PPK (8/20uS) (W)	MAX.Ratings IPP (8/20uS)(A) (Range)	ESD IEC61000-4-2 KV(MAX.)Contact	ESD IEC61000-4-2 KV(MAX.) Air	V_{RWM} (V) (Range)	VBR MIN.(V) (Range)	VBR MAX.(V) (Range)	Package
SMAXXV	50	5	±8KV	±15KV	3.3-36	4-40	-	SOD-123 SOD-323 SOD-523
SMDJXXX	3000(10/1000us)	4.21-312.5	±8KV	±15KV	5~440	6.4-492	7.3-543	SMC
SMCJXXA	1500(10/1000us)	4.41-156.25	±8KV	±15KV	5-190	6.4-211.28	7.3-258.4	SMC
SMCJXXCA	1500(10/1000us)	2.1-163.04	±8KV	±15KV	5-440	6.4-492	7.3-543	SMC
UESD12VL1U	220	10	±30KV	±30KV	12	12.6	-	SOD-323
UESD12VN1U	4000	180	±30KV	±30KV	13.5	13.5	17.5	DFN2018-6
ESD5V0L1B	-	2.5	±25KV	-	5	-	-	SOD-523
SOT05C	140	13	±8KV	±15KV	5	6	-	SOT-23
SLVU2.8	400	24	±8KV	±15KV	2.8	3	-	SOT-23
ESD3V3S2B	-	8	±8KV	±30KV	3.3	-	-	SOT-323
ESD6V2S1B	-	8	±30KV	-	6.2	-	-	SOT-323
UESD6V1N2U	235	18	±30KV	±30KV	6.1	6.1	7.2	SOT-23
UESDA6V1W5	150	-	±8KV	±15KV	3	6.1	7.2	SOT-353
UZ5C056	150	10	±8KV	±15KV	5	6.3	-	SOT-26
USMS05	350	24	±20KV	±25KV	5	6	-	SOT-26
UESD5V0V4U	18	2	±30KV	±30KV	5	6	7.6	SOT-23-5 SOT-353
UPRTR5V0U4D	-	-	±8KV	-	5.5	6	9	SOT-26
UESD4C5V6C08	-	5.5	±8KV	±15KV	5	6.2	-	SOT-23-5
PUSB220	-	-	±8KV	-	5.5	6	9	SOT-26
SRV05-4	350	12	±30KV	±30KV	5	6	-	SOT-26
TVS4S009	25	2.5	±8KV	±9KV	5.5	9	-	SOT-26
UESD4CUSB30	45	5	±8KV	±9KV	5.5	7	-	SOT-25
USB4S012	60	3	±10KV	±10KV	-	6	-	SOT-26
CCVGA7C5	0.75	-	±8KV	-	-	-	-	SSOP-16
USP720	-	-	±8KV	-	-	-	-	DIP-16
UTVS2105	350	8	±30KV	±30KV	24	26.2	32	SOT-23
UESD5V0X1C30	350	20	±15KV	±30KV	5	6		SOD-323
UESD5V0X1C40	350	20	±15KV	±30KV	5	6		SOD-323
UESD5V0X1C50	350	20	±15KV	±30KV	5	6		SOD-323
UESD5V0L1B	350	7.5	±25KV	±25KV	5	5.6	7.6	SOD-323 X1DFN1006-2
UTVS3105	350	8	±30KV	±30KV	32	35.6		SOT-23
UESD5V0L5U	66	10	±20KV	±25KV	5	5.7	7.5	SOT-363
UZ18C6V8	-	-	±8KV		-	6.4	7.2	SOP-20
UESD5V0S2U	400	47	±15KV	±30KV	5	6	7.3	SOT-23
UESDA6V1	300	15	±9KV	±25KV	3	6.1	7.2	SOT-26
USM712	150	7	±30KV	±30KV	7~12	7	12	SOT-23

TVS > ESD & EMI TVS

Part No.	PSS (W)	IPP (5/50nS) (A)	ESD IEC61000-4-2 KV(MAX.) Contact	ESD IEC61000-4-2 KV(MAX.) Air	V_{RWM} (V)	VBR MIN. (V)	VBR MAX. (V)	IR MAX. (uA)	IR Conditions VRWM(V)	Resistor RS(Ω) TYP.	Package
URCZ1284-04	5	-	±8KV	-	5.5	6	-	10	5	33	QSOP-28
URCZ1284-02	5	-	±8KV	-	5.5	6	-	10	5	33	QSOP-28
VGA7S019	-	-	±8KV	±15KV	5	9	-	1	5	1	SSOP-16
PPHDMI2020	-	-	±8KV	-	5	6	-	5	3.3	1.4	SSOP-40

TVS > Transient Voltage Suppressor

Part No.	WORKINGPEAKREVERSEVOLTAGEVRWM(V)	BREAKDOWNVOLTAGEVBR@ITMIN.(V)	BREAKDOWNVOLTAGEVBR@ITMAX.(V)	Test CurrentIT (mA)	MAXIMUMCLAMPINGVOLTAGEVC(V)@IPP	MAXIMUMREVERSESURGECURRENTIPP(A)	MAXIMUMREVERSELEAKAGEIR (μA)@VRWM	Package
SMAJXX	5-440	6.4-492	7.3-543	10/1	9.6-713	41.67-0.56	800-1	SMA SOD-123
SMAJXXA	5-440	6.4-492	7-543	10/1	9.2-713	43.48-0.56	800-1	SMA SOD-123
SMBJXXXA	5-450	6.4-492	7-543	10/1	9.2-713	65.22-0.84	1000-1	SMB
P6KEXXX	5.5-487.2	6.12-540	7.48-660	10/1	10.8-864	55.56-0.69	1000-1	DO-15
P6KEXXXA	5.8-513	6.46-570	7.14-630	10/1	10.5-828	57.14-0.72	1000-1	DO-15
P6SMBXXXA	5.8-513	6.46-570	7.14-630	10/1	10.5-828	57.14-0.72	1000-1	SMB
SMA6LXXA	5-85	6.4-94.4	7-104	10/1	9.2-137	65.3-4.4	800-1	SMAF

TVS > TVS Diode for ESD Protection

Part No.	VRWM (V) (Typ)	Reverse BreakdownVoltage VBR(V)	I_T (mA)	ReverseLeakage CurrentIR (uA)	VR(V)	ESDVoltage	ClampingVoltage (tp=8/20μs) VC(V)	ClampingVoltage (tp=8/20μs)IPP (A)	Package
USDXXW	3.3-36	4-40	1	125-1	3.3-36	25	6.5-60	1	SOD-123 SOD-323

封裝類別

Package List

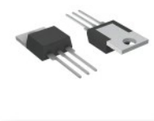

TO-92/NL


TO-92/NL(FL)


TO-251/S/S2/S4/NS2


TO-126/B/C/S


TO-262/ST


TO-220

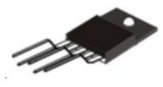

TO-220-2


TO-220F/1/2/3/4


TO-220HJ


TO-230


TO-220WF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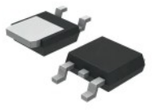
TO-220-5


TO-3P/PN


TO-247


TO-247-2


TO247-4L/5L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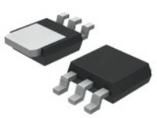
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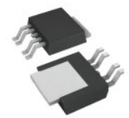
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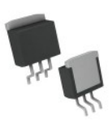
TO-252-5


TO-263


TO-263-3


TO-263-5


DFN0603-2

封裝類別

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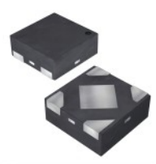
X2DFN0808-4

DFN1006-2

DFN1006-3



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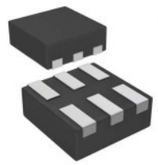

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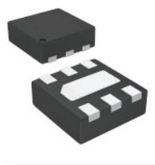

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PDFN3*3

PDFN5*6

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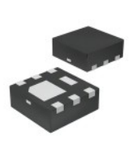
WDFN2020-6



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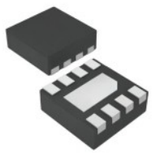

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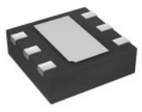

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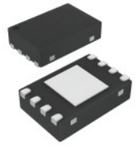

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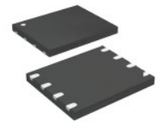

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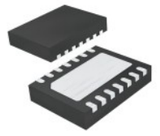

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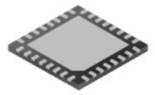

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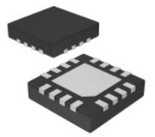

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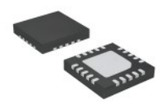

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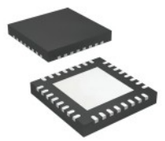

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TSOT-723

SOT-523

SOT-553

SOT-563

SOT-323

SOT-353

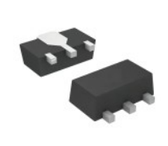
SOT-363

SOT-23

SOT-23S

SOT-25

SOT-26



SOT-89

SOT-143

SOT-223

SOT-223-2

SOT-223-3

MSOP-8

MSOP-10

HMSOP-8

HMSOP-10

HSOP-8

SOP-4

SOP-8

封裝類別

Package List

SOP-14

SOP-16

SOP-18

SOP-20

SOP-28

LSOP-4

LSOP-6

TSSOP-8

TSSOP-14

TSSOP-16

TSSOP-20

SSOP-4

SSOP-16

SSOP-20-1

SSOP-20-2

SSOP-28

HSOP-16

HTSSOP-20

VSSOP-8

LFPAK

LFPAK56

LFPAK88

SOD-123

SOD-323

SOD-523

TOLL-8A

TOLL-8B

SMD-4

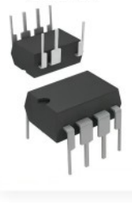
SMD-8A

DIP-4

DIP-4M

DIP-7A

DIP-8



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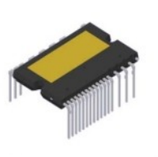
DIP-16

DIP-18

DIP-20

DIP-23



DIP-25

DIP-28

IPM DIP-32

DIP-40

SIP-3

SIP-3(FL)

SIP-4

SIP-8

HSIP-9B

HZIP-11A

HZIP-15A

用汗水浇灌收獲

以實干篤定前行

用團结凝聚力量

以奮斗開啓未来

品质 创新 诚信 服务

全球銷售分布
Worldwide sales channel distribution

國内銷售分公司
Domestic sales branches

大連連順電子有限公司
郵箱: dl@utc-ic.com
電話: 0411-84754018

無錫友利微電子有限公司
郵箱: wxyl@utc-ic.com
電話: 0510-82302509 / 8232037

廈門元順微電子技術有限公司
郵箱: xm@utc.cn　　電話: 0592-3180258

深圳元順微電子技術有限公司
深圳直銷
郵箱: sz@utc-ic.com　　電話: 0755-82135650
深圳經銷
郵箱: AgentSZ@utc.cn　　電話: 020-39258877

廣州元順微電子技術有限公司
廣州直銷
郵箱: gz@utc.cn　　電話: 020-39258874
廣州經銷
郵箱: AgentGZ@utc.cn　　電話: 020-39258988

國際銷售
International sales contact email address

美國郵箱(U.S):usa@unisonic.com.tw
歐洲郵箱(Europe):europe@unisonic.com.tw
turkey@unisonic.com.tw
印度郵箱(India):india@unisonic.com.tw
日本郵箱(Japan) :japan@unisonic.com.tw
韓國郵箱(Korea):korea@unisonic.com.tw
Other countries:oversea@unisonic.com.tw

國内辦事處
Domestic office

中國臺灣 郵箱: sales@unisonic.com.tw
北京郵箱:bj@utc.cn
成都郵箱:cd@utc.cn
昆山郵箱:ks@unisonic.com.tw
寧波郵箱:nb@utc.cn
青島郵箱:qd@utc-ic.com
東莞郵箱:dongguan@utc.cn
中山郵箱:zs@utc.cn