UMW[®]

UTD Semiconductor Co.,Limited

UMW®





2023

официальный дистрибьютор

+7 (495) 252-07-77

sales@platan-energo.ru



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ПРОФИЛЬ КОМПАНИИ

Основанная в 2009 году со штаб-квартирой в Шеньчшэне, Китае, совместное китайско-тайваньское предприятие Guangdong Youtai Semiconductor Co., Ltd. (сокращенно UMW®) является крупным производителем стандартной полупроводниковой продукции, в условиях экономических санкций рекомендуемой в качестве равноценной pin-to-pin-замены стандартных изделий National Semiconductor, Texas Instruments, ADI, Maxim Integrated, STMicroelectronics, Vishay, а также датчиков температуры производства Texas Instruments и Maxim Integrated.

Компания является высокотехнологичным предприятием, объединяющим НИОКР и проектирование интегральных схем, дискретных устройств, упаковку и производство, а также продажу продукции.

Производственная база занимает площадь более 12 тыс квадратных метров и находится в районе Дазу, Чунцин.

Производственно-технический персонал составляет более 120 человек, а годовой объем поставок превышает 3 миллиарда штук полупроводниковых приборов.

Система качества предприятия имеет сертификат ISO9001: 2015, а продукция сертифицирована по стандартам UL, CQC, SGS и др.

Продукты UMW обладают высоким качеством и пользуются хорошей репутацией на международном рынке, ориентирована на потребительский и промышленный рынки.

Компоненты UMW широко используются в дронах, роботах, источниках питания, компьютерах, ЖК-телевизорах, инструментах, игрушках, бытовой технике, коммуникационном оборудовании, осветительных приборах, автомобильной электронике, оборудовании промышленной автоматизации и других областях.

Компания активно стремится к устойчивому развитию полупроводниковой промышленности, используя профессиональный опыт в области высоких технологий для предоставления продуктов и системных.





ОСНОВНЫЕ ПРОДУКТЫ КОМПАНИИ

- LDO-стабилизаторы с низким потреблением
- трехвыводные регуляторы напряжения
- драйвер двигателя
- MOSFET
- интегральные AC/DC- и DC/DCисточники питания
- интегральные температурные датчики
- логические ИС
- приемопередатчики интерфейсов
- операционные усилители
- оптопары
- защитные диоды
- цифровые изоляторы

- преобразователи токового уровня
- биполярные транзисторы
- супервизоры электропитания
- ИС защиты цепей
- ИС управления питанием
- ИС управления электроприводом
- + NOH
- выпрямительные мосты
- полевые транзисторы высокой, средней и малой мощности
- диоды защиты электростатического разряда
- схемы Дарлингтона

ОСНОВНЫЕ КЛИЕНТЫ КОМПАНИИ



























ОБЛАСТЬ ПРИМЕНЕНИЯ



3D Printer



PC/TV



Self-balansing scooter



UPS/Inverter



Power/Charger



Drone



Video/Surveillance





Smart household appliances Smart medical instruments





Smart robot



TV set-top-box

КОРПУСА





SOT89





TO220



TO263



TO252



SOP4



SOP16







MSOP8



SOT26



SOD123



SOT363



SMC



DFN1006







SOD323



SOD523





Туре	Part number	Parameter	Package
Low Dropout Regulator	HT71XX-1	VIN 30V, IOUT 100ma, power consumption ≤3ua, Vout=3V, 3.3 V, 3.6V, 4.4V, 5.0V	SOT-89, SOT-23-3, SOT23-5
Low Dropout Regulator	HT75XX-1	VIN 30V, IOUT 100ma, power consumption ≤3ua, Vout=3V, 3.3 V, 3.6V, 4.4V, 5.0V	SOT-89, SOT-23-3, SOT23-5
Low Dropout Regulator	HT73XX-A	VIN 15V,IOUT 250ma, power consumption ≤3ua, Vout=3V, 3.3 V, 3.6V, 4.4V, 5.0V	SOT-89, SOT-23
Low Dropout Regulator	HT78XX-A	VIN 12V,IOUT 450ma, power consumption ≤3ua, Vout=3V, 3.3 V, 3.6V, 4.4V, 5.0V	SOT-89, SOT-23
Low Dropout Regulator	AMS1117	VIN 18V,IOUT 1A,Withstand Voltage18V,Vout=1.2V,1.5V,1.8V,2.5V,3.3V,5V,ADJ	SOT-89, SOT-223, TO-252
Low Dropout Regulator	LD1117	VIN 18V,IOUT 1A,Withstand Voltage18V,Vout=1.2V,1.5V,1.8V,2.5V,3.3V,5V,ADJ	SOT-223
Low Dropout Regulator	XC6219BXX2MR	VIN 9V,quiescent current15 µ A,IOUT 300mA,Vout 1.5V, 1.8V, 2.5V, 2.8V,3.0V,3.3V,3.6V	SOT-23
Low Dropout Regulator	XC6206PXX2XR	VIN 9V, quiescent current6.0 μ A,IOUT 250mA,Vout = 1.5V-5.0V	SOT-23, SOT-89
Low Dropout Regulator	78MXX	IOUT 1A, VIN≥35V,Vout=5V,6V,8V,9V,12V,15V	TO-252
Low Dropout Regulator	78LXX	IOUT 0.1A VIN≥30V,Vout=5V,6V,8V,9V,12V,15V	SOT-89
Low Dropout Regulator	79LXX	IOUT 0.15A, VIN≥40V,Vout=5V,6V,8V,9V,12V,15V,18V,24V	SOT-89
Low Dropout Regulator	78DXXL	IOUT 1A,electric current≥500mA,Withstand Voltage≥35V,Vout=5V,6V,8V,9V,12V,15V	TO-252
Low Dropout Regulator	L78XXCV	IOUT 1.2A,electric current≥800mA,Withstand Voltage≥35V,Vout=5V,6V,8V,9V,12V	TO-220
Low Dropout Regulator	AMS1084CM-XX	VIN 20V,electric current 5A,Vout = 1.5V,1.8V,2.5V,3.3V,5.0V,ADJ	TO-263-3L
Low Dropout Regulator	LM317G	VIN 37V,IOUT 1.5A,Internal short protection and over temperature protection.	SOT-223
Low Dropout Regulator	LM317MDT	VIN 40V,IOUT 1.5A ,Internal short protection and over temperature protection.	TO-252
Low Dropout Regulator	LM317LIPK	VIN 40V, IOUT 0.1A, Internal short protection and over temperature protection.	SOT-89
Low Dropout Regulator	LM317LD	VIN 40V, IOUT 0.1A, Internal short protection and over temperature protection.	SOP-8
Low Dropout Regulator	LM317T	VIN 40V,IOUT 1.5A ,Internal short protection and over temperature protection.	TO-220
Low Dropout Regulator	MIC29302WU	VIN 20V to +20V, IOUT=3A@60mA±2%over temperature, line and load regulatio	TO-263

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Туре	Part number	Parameter	Package
Low Dropout Regulator	MIC5200-3.3	Input Voltage 2.5V to 26V(typically 17 mV at light loads and 200 mV at 100 mA)	SOT-223
Low Dropout Regulator	MIC5200-5.0	Input Voltage 2.5V to 26V(typically 17 mV at light loads and 200 mV at 100 mA)	SOT-223
Mosfet	1N60	N-Channel VDS=600V ID=1A(VGS=±30V) RDS(ON)=11Ω	SOT-223 TO-252
Mosfet	1N65	N-Channel VDS=650V ID=1A(VGS=±30V) RDS(ON)=8.5Ω	SOT-223 TO-252
Mosfet	2N60	N-Channel VDS=600V ID=2A(VGS=±30V) RDS(ON)=4.2Ω	SOT-223 TO-252
Mosfet	2N65	N-Channel VDS=650V ID=2A(VGS=±30V) RDS(ON)=4.5Ω	SOT-223 TO-252
Mosfet	4N65F	N-Channel VDS=650V ID=4A(VGS=±30V)RDS(ON)=2.8Ω	TO-220F
Mosfet	5N65F	N-Channel VDS=650V ID=5A(VGS=±30V) RDS(ON)=1.5Ω	TO-220F
Mosfet	7N65F	N-Channel VDS=650V ID=7A(VGS=±30V) RDS(ON)=1.1Ω	TO-220F
Mosfet	10N65F	N-Channel VDS=650V ID=10A(VGS=±20V) RDS(ON)=0.75Ω	TO-220F
Mosfet	15N10	N-Channel VDS=100V ID=20A(VGS=±20V) RDS(ON)=67mΩ	TO-252
Mosfet	20N06	N-Channel VDS=60V ID=20A(VGS=±20) RDS(ON)=23mΩ	TO-252
Mosfet	25N06	N-Channel VDS=60V ID=25A(VGS=±20) RDS(ON)=23mΩ	TO-252
Mosfet	30N03A	N-Channel VDS=30V ID=90A(VGS= \pm 20) RDS(ON)=3.9m Ω	TO-252
Mosfet	30N06	N-Channel VDS=60V ID=30A(VGS=±20V) RDS(ON)=25mΩ	TO-252
Mosfet	35N06	N-Channel VDS=60V ID=35A(VGS=±20V) RDS(ON)=23mΩ	TO-252
Mosfet	40N06	N-Channel VDS=60V ID=40A(VGS=±20V) RDS(ON)=14mΩ	TO-252
Mosfet	50N06	N-Channel VDS=60V ID=50A(VGS=±20V) RDS(ON)=12mΩ	TO-252
Mosfet	100N03A	N-Channel VDS=30V ID=90A(VGS=±20V) RDS(ON)=3.8Ω	TO-252
Mosfet	FDN304P	P-Channel VDS=-20V ID=-2.4A(VGS=±8V) RDS(ON)=36mΩ @ -4.5V	SOT-23





Туре	Part number	Parameter	Package
Mosfet	FDN308P	P-Channel VDS=-20V ID=-1.5A (VGS=±12) RDS(ON)=100mΩ	SOT-23
Mosfet	FDN327N	N-Channel VDS=20V ID=2A (VGS= ± 8) RDS(ON)= $80 \text{m}\Omega$	SOT-23
Mosfet	FDN335N	N-Channel VDS=20V ID=1.7A (VGS=±8V) RDS(ON)=55mΩ	SOT-23
Mosfet	FDN336P	P-Channel VDS=-20V ID=-1.3A (VGS= ± 8) RDS (ON)= $91 m\Omega$	SOT-23
Mosfet	FDN337N	N-Channel VDS=30V ID = 2.2A (VGS=4.5V) RDS(ON) < $65m\Omega$	SOT-23
Mosfet	FDN338P	P-Channel VDS=-20V ID=-2.8A (VGS=±8V) RDS(ON)=90mΩ	SOT-23
Mosfet	FDN339AN	N-Channel VDS=20V ID=3A (VGS= ± 8) RDS(ON)=38m Ω	SOT-23
Mosfet	FDN340P	P-Channel VDS=-20V ID=-2A (VGS=±8V) RDS(ON)=52mΩ	SOT-23
Mosfet	FDN358P	P-Channel VDS= -30V ID=-1.5A (VGS=-10V) RDS(ON)<90mΩ	SOT-23
Mosfet	FDN359AN	N-Channel VDS=30V ID=2.7A (VGS= ±20) RDS(ON)=46m Ω	SOT-23
Mosfet	FDN359BN	N-Channel VDS=30V ID=2.7A (VGS= ±20) RDS(ON)=46m Ω	SOT-23
Mosfet	FDN360P	P-Channel VDS=-30V ID=-2A (VGS=-10V) RDS(ON)<80mΩ	SOT-23
Mosfet	FDN361BN	N-Channel VDS=30V ID=1.4A (VGS= ±20) RDS(ON)=110m Ω	SOT-23
Mosfet	AO3400A	N-Channel VDS=30V ID = 5.8A (VGS= \pm 12V) RDS(ON)=22m Ω	SOT-23
Mosfet	AO3401A	P-Channel VDS=-30V ID=-4.2A (VGS=-12V) RDS(ON)=50mΩ	SOT-23
Mosfet	AO3402A	N-Channel VDS=30V ID = 4A (VGS= \pm 12V) RDS(ON)=26m Ω	SOT-23
Mosfet	AO3403A	P-Channel VDS=-30V ID=-2.6A (VGS=-10V) RDS(ON)<75mΩ	SOT-23
Mosfet	AO3407A	P-Channel VDS=-30V ID=-4.2A(VGS= \pm 20V) RDS(ON)=40m Ω	SOT-23
Mosfet	AO3409A	P-Channel VDS=-30V ID=-2.6A (VGS=-10V) RDS(ON)<130mΩ	SOT-23
Mosfet	AO3413A	P-Channel VDS=-20V ID=-3A (VGS=±8V) RDS(ON)=56mΩ	SOT-23
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Type	Part number	Parameter	Package
Mosfet	AO3414A	N-Channel VDS=20V ID=4.2A(VGS=4.5V) RDS(ON)=22m Ω	SOT-23
Mosfet	AO3415A	P-Channe VDS=-20V ID=-4A(VGS= ± 8 V) RDS(ON)=31m Ω	SOT-23
Mosfet	AO3416A	N-Channel VDS=20V ID=6A(VGS=4.5V) RDS(ON)= $21m\Omega$	SOT-23
Mosfet	AO3422A	N-Channel VDS=60V ID=2.1A(VGS = \pm 20V) RDS(ON)= $80 \text{m}\Omega$	SOT-23
Mosfet	AO3423A	P-Channe VDS=-20V ID=-2A(VGS= \pm 12) RDS(ON)=59m Ω	SOT-23
Mosfet	AO3442A	N-Channel VDS=100V ID=1A(VGS= ±20 V) RDS(ON)= 630m Ω	SOT-23
Mosfet	AO4404B	N-Channel VDS =30V ID=8.5A(VGS=10V) RDS(ON)< 20mΩ	SOP-8
Mosfet	AO4405	P-Channel VDS =-30V ID=-6A(VGS=10V) RDS(ON)< $45m\Omega$	SOP-8
Mosfet	AO4406	N-Channel VDS =30V ID=12A(VGS=10V) RDS(ON)< $13m\Omega$	SOP-8
Mosfet	AO4407	P-Channel VDS =-30V ID=-14A(VGS=-10V) RDS(ON)< 11.5m Ω	SOP-8
Mosfet	AO4409	P-Channel VDS=-30V ID =-15A(VGS=-10V) RDS(ON)< $7.5m\Omega$	SOP-8
Mosfet	AO4410	N-Channel VDS=30V ID =18A(VGS=10V) RDS(ON) < $5.5 \text{m}\Omega$	SOP-8
Mosfet	AO4411	P-Channel VDS=-30V ID =-8A(VGS= \pm 20V) RDS(ON)=21m Ω	SOP-8
Mosfet	AO4419	P-Channel VDS=-30V ID =-9.7A(VGS=-10V) RDS(ON)< $20m\Omega$	SOP-8
Mosfet	AO4423	P-Channel VDS=-30V ID =-13.5A(VGS=-10V) RDS(ON)=11m Ω	SOP-8
Mosfet	AO4435	P-Channel VDS=-30V ID=-12A(VGS =10V) RDS(ON)< $20m\Omega$	SOP-8
Mosfet	AO4443	P-Channel VDS=-40V ID=-8A(VGS =10V) RDS(ON) < $37m\Omega$	SOP-8
Mosfet	AO4459	P-Channel VDS=-30V ID=6.5A(VGS=10V) RDS(ON)< 42mΩ	SOP-8
Mosfet	AO4466	N-Channel VDS=30V ID=10A RDS(ON)=16.7mΩ	SOP-8
Mosfet	Ao4480	N-Channel VDS=40V ID=14A (VGS=10V) RDS(ON)< 12mΩ	SOP-8





Type	Part number	Parameter	Package
Mosfet	Ao4485	P-Channel VDS=-40V ID=-10A(VGS=-10V) RDS(ON)<15mΩ	SOP-8
	A04463	F=Criainer VD3==40V ID==10A(VG3==10V)	301-6
Mosfet	AO4486	N-Channel VDS=100V ID=4.2A(VGS=10V) RDS(ON)<79mΩ	SOP-8
Mosfet	AO4614B	N-Channel VDS=40V ID=6A RDS(ON)=24mΩ	SOP-8
Mosiet	7,040145	N-Channel VDS=40V ID=6A RDS(ON)=24mΩ	33, 3
Mosfet	AO4616	N-Channel VDS=30V ID=8A RDS(ON)=16.5mΩ	SOP-8
Wosiet	A04010	P-Channel VDS=-30V ID=-7A RDS(ON)=17.5mΩ	301-0
Mosfet	AO4805	2P-Channel VDS=-30V ID=-9A RDS(ON)=12mΩ	SOP-8
Mosfet	AO4807	2P-Channel VDS=-30V ID=-6A RDS(ON)=21mΩ	SOP-8
Mosfet	AO4826	2N-Channel VDS=60V ID=6.3A RDS(ON)=20mΩ	SOP-8
Mosfet	AO4828	2N-Channel VDS=60V ID=4.5A RDS(ON)=46mΩ	SOP-8
Mosfet	AO4832	2N-Channel VDS=30V ID=10A RDS(ON)=10.8mΩ	SOP-8
Mosfet	AO4884	2N-Channel VDS=40V ID=10A RDS(ON)=11mΩ	SOP-8
Mosfet	Si2300A	N-Channel VDS=20V ID=6A(VGS= \pm 12V) RDS(ON)=21m Ω	SOT-23
Mosfet	SI2301A	P-Channel VDS=-20V ID=-2.8A(VGS=±12V) RDS(ON)=55mΩ	SOT-23
Mosfet	SI2302A	N-Channel VDS=20A ID=3.6A(VGS = \pm 8V) RDS(ON)=27m Ω	SOT-23
Mosfet	SI2303	P-Channel VDS=-30V ID=-1.7A(VGS= \pm 20V) RDS(ON)=120m Ω	SOT-23
Mosfet	SI2304	P-Channel VDS=-20 ID=-4A(VGS= \pm 20V) RDS(ON)=33m Ω	SOT-23
Mosfet	SI2305A	P-Channel VDS=-20V ID=-4.2A(VGS=±12V) RDS(ON)=27mΩ	SOT-23
Mosfet	SI2306A	N-Channel VDS=30V ID=4A(VGS=±20V) RDS(ON)=35mΩ	SOT-23
Mosfet	SI2307A	P-Channel VDS=-30V ID=-3.0A(VGS= \pm 20V) RDS(ON)=50m Ω	SOT-23

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Type	Part number	Parameter	Package
Mosfet	Si2308A	N-Channel VDS=60V ID=2A(VGS=10V) RDS(ON)=160mΩ	SOT-23
Mosfet	Si2309A	P-Channel VDS=-60V ID=-1.25 A(VGS=-10V) RDS(ON) < 340m Ω	SOT-23
Mosfet	SI2310A	N-Channel VDS=60V ID=3A(VGS=±20V) RDS(ON)= 90mΩ	SOT-23
Mosfet	Si2312A	N-Channel VDS=20V ID=4.9A(VGS=4.5V) RDS(ON)= 27mΩ	SOT-23
Mosfet	SI2318A	N-Channel VDS=40V ID=5.6A(VGS=10V) RDS(ON) $<$ 36m Ω	SOT-23
Mosfet	SI2319A	P-Channel VDS=-40V ID=-4.4A(VGS=-10V) RDS(ON)<70mΩ	SOT-23
Mosfet	Si2328A	N-Channel VDS=30V ID=5.8A(VGS=10V) RDS(ON) < $27m\Omega$	SOT-23
Mosfet	SI2333CDS	P-Channel VDS = -12V ID=-7.1A(VGS =-4.5V) RDS(ON)=28.5m Ω	SOT-23
Mosfet	STD10NF10L	N-Channel VDS=100V ID=15A(VGS=10V) RDS(ON)=95m Ω	TO-252
Mosfet	STD15NF10L	N-Channel VDS=100V ID=20A(VGS=10V) RDS(ON)< 75mΩ	TO-252
Mosfet	STD20NF06L	N-Channel VDS=60V ID=30A (VGS= \pm 20V) RDS(ON)= 25m Ω	TO-252
Mosfet	STD30NF06L	N-Channel VDS=60V ID=30A (VGS=10V) RDS(ON)= 23mΩ	TO-252
Mosfet	STD35NF06L	N-Channel VDS=60V ID=35A (VGS=10V) RDS(ON)= 20mΩ	TO-252
Mosfet	SVT078R0ND	N-Channel VDS=68V ID=88A (VGS= ± 20 V) RDS(ON)= 63 m Ω	TO-252
Mosfet	STP4925A	P+P-Channel VDS=-30V ID=-50A(VGS= \pm 20V) RDS(ON)=13m Ω	SOP-8
Mosfet	STN4438	N-Channel VDS=60V ID=8.2A(VGS=±20V) RDS(ON)= 35mΩ	SOP-8
Mosfet	CEM9926A	Dual N-Channel VDS=20V ID=7A(VGS = \pm 8V) RDS(ON)=21.6m Ω	SOP-8
Mosfet	IRLML2030TR	N-Channel VDS=30V ID=2.7A(VGS=10V) RDS(ON)<100mΩ	SOT-23
Mosfet	IRLML2060TR	N-Channel VDS=60V ID=4.8A(VGS=10V) RDS(ON)<85mΩ	SOT-23
Mosfet	IRLML2246	P-Channel VDS=-20V ID=-2A(VGS=-4.5V) RDS(ON)<135mΩ	SOT-23





Туре	Part number	Parameter	Package
Mosfet	IRLML2502	N-Channel VDS=20V ID=4.2A(VGS=4.5V) RDS(ON)=45mΩ	SOT-23
Mosfet	IRLML5203	P-Channel VDS=-30V ID=-3A(VGS=-10V) RDS(ON)=85mΩ	SOT-23
Mosfet	IRLML6302	P-Channel VDS=-20V ID=-4.9A(VGS=-4.5V) RDS(ON) < 90mΩ	SOT[23
Mosfet	IRLML6346TR	N-Channel VDS=30V ID=3.4A (VGS=4.5V) RDS(ON)<63mΩ	SOT-23
Mosfet	IRLML6401	P-Channel VDS=-12V ID=-4.3A (VGS= \pm 8V) RDS(ON)= 50 m Ω	SOT-23
Mosfet	IRLML6402	P-Channel VDS=-20V ID=-3.7A (VGS= \pm 12V) RDS(ON)= 50 m Ω	SOT-23
Mosfet	IRLML9301TR	P-Channel VDS=-30V ID=-3.6A (VGS=-10V) RDS(ON)<64mΩ	SOT-23
Mosfet	BSS84	P-Channel VDS=-50V ID=0.13A(VGS=±20V) RDS(ON)=10Ω	SOT-23
Mosfet	BSS138	N-Channe VDS=50V ID=300mA(VGS= \pm 20V) RDS(ON)=2.5 Ω	SOT-23
Mosfet	BSS308PE	P-Channel VDS=-30V ID=-2A(VGS=-10V) RDS(ON) < 80mΩ	SOT-23
Mosfet	8205A	N-Channe VDS=20V ID=5A (VGS= \pm 12 V) RDS(ON)=22m Ω	SOT-23
Mosfet	NDC7002N	N-Channe VDS=50V ID=0.51A(VGS=20V) RDS(ON)=1Ω	SOT-23-6
CUT chip	AP1511B	Low saturation voltage (0.73V @ 300mA, VDD= 5V), low standby current (<10uA)	SOT23-6
LED chip	PT4115	Wide input voltage range: from 6V to 30V, maximum output current 1.2A.	SOT89-5
LED chip	ET6226M	Segment drive current not less than 25mA, word drive current is not less than150mA	SOP-16
chip	L9110S	Supply voltage range 2.2 ~ 6.5 V, low quiescent operating current (MAX=2uA)	SOP-8
MCU chip	MAX809X	Reset voltage (T=3.08V,R=2.93V,S=2.63V),Delay time (Min=140ms)	SOT-23
chip	HT70XX	Low power consumption,typical value:2.0uA,wide operating voltage range: 1.5V~12V	SOT-23 SOT-89
chip	TL431 (0.5%)	Reference input Voltage (typ.2.495v),Sink Current Capability of 0.1mA to 100mA, Programmable Output Voltage to 36V	TO-92 SOT-23
chip	TL432(0.5%)	highly accurate 1.25V band gap reference with 0.5%, 1% tolerance,Sink current capability of 0.1mA to100mA	SOT-23

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Туре	Part number	Parameter	Package
Rs232	MAX232ESE	Operate from Single +5V Power Supply,Guaranteed 120 kbps Data Rate	SOP-16
RS232	MAX3232ESE	from a +3.0V to +5.5V power supply, Minimum 120Kbps Data Rate Under FullLoad	SOP-16
RS232	SP3232EEN	from a +3.0V to +5.5V power supply, Minimum 120Kbps Data Rate Under FullLoad	SOP-16
RS232	SP232EEN	Operate from Single +5V Power Supply, Guaranteed 120 kbps Data Rate	SOP-16
RS232	ADM232AARNZ	Operate from Single +5V Power Supply, Guaranteed 120 kbps Data Rate	SOP-16
RS232	ADM3232EARNZ	from a +3.0V to +5.5V power supply, Minimum 120Kbps Data Rate Under FullLoad	SOP-16
RS232	ST232BDR	Operate from Single +5V Power Supply,Guaranteed 120 kbps Data Rate	SOP-16
RS232	ST3232BDR	from a +3.0V to +5.5V power supply, Minimum 250Kbps Data Rate Under FullLoad	SOP-16
RS-485/RS-422	MAX485ESA	Low Quiescent Current: 300 µ A,-7V to +12V Common-Mode Input Voltage Range, transmit up to 2.5Mbps	SOP-8
RS-485/RS-422	MAX3485ESA	3.3V power supply, half duplex,1 / 8 unit load, allowing up to 256 devices connected to the bus,The data transmission rate in electric noise environment can reach 12Mbps	SOP-8
RS-485/RS-422	SP485EN	Low Quiescent Current: 300 μ A,-7V to +12V Common-Mode Input Voltage Range, transmit up to 2.5Mbps	SOP-8
RS-485/RS-422	SP3485EEN	3.3V power supply, half duplex,1 / 8 unit load, allowing up to 256 devices connected to the bus,The data transmission rate in electric noise environment can reach 12Mbps	SOP-8
RS-485/RS-422	SN65LBC184DR	Low Disabled Supply Current 300 μ A Max,1/4 Unit Load Allows for 128 Devices, 250kbp transmission	SOP-8
RS-485/RS-422	SN75LBC184DR	Low Disabled Supply Current 300 µ A Max,overvoltage transients of 400W peak	SOP-8
RS-485/RS-422	SN65176BDR	Single +5V Supply,-7V to +12V Bus Common Mode Range Permits ±7V Ground Difference Between Devices on the Bus	SOP-8
RS-485/RS-422	ADM3485EARZ	3.3V power supply, half duplex,1 / 8 unit load, allowing up to 256 devices connected to the bus,The data transmission rate in electric noise environment can reach 12Mbps	SOP-8
IC chip	SN74LVC1G00DXXR	High output driver: VCC = 4.5V > 32MA	SOT23-5 SC70-5
IC chip	SN74LVC1G04DXXR	Low input current: 0.1 uA typ, low static power consumption: 0.1 u typ	SOT23-5 SC70-5
IC chip	SN74LVC1G08DXXR	Low input current: 0.1 uA typ, low static power consumption: 0.1 u typ	SOT23-5 SC70-5
IC chip	SN74LVC1G14DXXR	Low input current: 0.1 uA typ, low static power consumption: 0.1 u typ	SOT23-5 SC70-5





Type	Part number	Parameter	Package
optocoupler	LTV-100X	High isolation 5000 VRMS, DC input with transistor output	LSOP-4
optocoupler	EL101X	High isolation 5000 VRMS, DC input with transistor output	LSOP-4
optocoupler	4Nxx	High isolation 5000 VRMS, DC input with transistor output	DIP-6
optocoupler	6N136M	High bit rate: 1 MBit/s,Superior CMR-10 kV/μs	DIP-8
optocoupler	6N137M	Very high speed-10 MBit/s,Superior CMR-10 kV/ µs,Double working voltage-480V	LSOP-4
optocoupler	MOC302X	High isolation voltage between input and output (Viso=5000 Vrms)	DIP-6, SOP-6
optocoupler	MOC304X	High isolation voltage between input and output (Viso=5000 Vrms)	DIP-6, SOP-6
optocoupler	MOC305X	High isolation voltage between input and output (Viso=5000 Vrms)	DIP-6, SOP-6
optocoupler	MOC306X	High isolation voltage between input and output (Viso=5000 Vrms)	DIP-6, SOP-6
optocoupler	MOC308X	High isolation voltage between input and output (Viso=5000 Vrms)	DIP-6, SOP-6
optocoupler	PC817C	Current Conversion Ratio (Min 50% Working Condition IF=5mA, VCE=5V), Insulation Voltage = 5,000Vrms, Response Time (tr: TYP. 4μ s working condition VCE=2V, IC=2mA, RL=100 Ω)	DIP-4, SOP-4
optocoupler	EL357C	High isolation 3750 VRMS,DC input with transistor output	SOP-4
optocoupler	LTV816D	Current conversion ratio (Min 50% Working condition IF=5mA,VCE=5V),(VISO=5,000 Vrms) Insulation Voltage=5,000Vrms, Response Time (tr: TYP. 4μs; tf: TYP. 5μs) working condition VCE=10V, IC=2mA, RL=100Ω)	DIP-4, SOP-4
optocoupler	TLP521GB	Collector-emitter voltage: 55V (min),Isolation Voltage:5000Vrms(high)	DIP-4, SOP-4
optocoupler	PS2501	BV=5000Vrms, VCEO=80V,High-speed switching (tr=3sTYP., tf=5sTYP.)	DIP-4, SOP-4
optocoupler	PS2701	Input output isolation voltage (Viso=5000Vrms)	SOP-4
optocoupler	TLP785GB/S	Collector-emitter voltage:80V(min),Isolation voltage: 5000Vrms(min)	DIP-4 SMD
optocoupler	TLP181GB-S	Collector-Emitter Voltage:80V(Min.),Isolation Voltage: 3750Vnns(Min)	SOP-4
optocoupler	TLP185GB-S	Collector-emitter voltage:80V(min), Isolation voltage: 3750Vrms(min)	SOP-4
optocoupler	TLP621GB-1	Collector-Emitter Voltage:55V(Min),Current Transfer Ratio:50%(Min)	DIP-4

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Туре	Part number	Parameter	Package
DC-DC converter	LM2575S-XX	output voltages: 3.3V, 5V, 12V, and an ADJ	TO263-5
DC-DC converter	LM2576S-XX	output voltages: 3.3V,5V, 12V, 15V, and an ADJ	TO263-5
DC-DC converter	LM2596S-XX	output voltages : 3.3V, 5V, 12V, and an ADJ	TO263-5
DC-DC converter	LM2594M-XX	3.3V,5V,12V and adjustable versionsn Output Adjustable from 1.23V to 37V	SOP-8
DC-DC converter	LM2591HVS-XX	output voltages:3.3V, 5V, 12V, and adj, Output load current:1A	TO-263-5
DC-DC converter	LM2592HVS-XX	output voltages:3.3V, 5V, 12V, and adj, Output load current:2A	TO-263-5
DC-DC converter	LM2594HVM-XX	3.3V,5V,12V and adjustable versionsn Output Adjustable from 1.23V to 57V	SOP-8
DC-DC converter	XL1509-XX	3.3V,5V,12V, and ADJustable versions	SOP-8 SOIC-8
DC-DC converter	AP1501-XX	These devices are available in fixed output voltages of 3.3V, 5V, 12V, and an adjustable	TO-263
DC-DC converter	UC2842B	UVLO thresholds of 16V(on) and 10V(off). Start-Up Current 0.5mA	SOP-8
DC-DC converter	UC2845B	UVLO thresholds of 16V(on) and 10V(off). Start-Up Current 0.5mA	SOP-8
DC-DC converter	UC3842B	UVLO thresholds of 16V(on) and 10V(off). Start-Up Current 0.5mA	SOP-8
DC-DC converter	UC3843B	UVLO thresholds of 16V(on) and 10V(off). Start-Up Current 0.5mA	SOP-8
DC-DC converter	UC3845B	UVLO thresholds of 16V(on) and 10V(off). Start-Up Current 0.17mA	SOP-8
DC-DC converter	MC34063ADR	The operating voltage range is 3.0V~32V, limit current of the output switch is 1.2A	SOP-8
voltage comparator	LM139DR	Single Supply: 2V to 36V, Low Input Offset Current: 3nA(Typ)	SOP-14
voltage comparator	LM239DR	Single Supply: 2V to 36V, Low Input Bias Current: 25nA(Typ)	SOP-14
voltage comparator	LM193DR	Wide Single-Supply Range: 2.0Vto 36V	SOP-8
voltage comparator	LM293DR	Wide Single-Supply Range: 2:0Vto 36V	SOP-8
voltage comparator	LM2901DR	Single Supply: 2V to 36V, Low Input Bias Current: 25nA(Typ)	SOP-14





Туре	Part number	Parameter	Package
voltage comparator	LM2903DR	Wide Single-Supply Range: 2.0 V to 36V	SOP-8
voltage comparator	LM2904DR	Single or dual power supply, wide frequency range, low power consumption	SOP-8
voltage comparator	LM339DR	Single Supply: 2 V to 36 V, Low Input Bias Current: 25 nA (Typ)	SOP-14
battery power menegement chip	TP4054	Programmable charging current up to 500mA, Preset charging voltage: 4.2V 1%	SOT23-5
battery power menegement chip	TP4056	Programmable charging current 1000 mA, automatic recharging	ESOP8
battery power menegement chip	TP4057	Programmable charge current 500 mA, automatic recharge, soft start limit inrush	SOT23-6
power supply	ET3157	Power supply voltage:-0.5~+7.0V, Output Current:128mA	SC70-6
analog switch chip	SGM3157	Low power consumption, Switches for NTSC/PAL video, audio, Spdif and HDTV	SC-70-6
analog switch chip	SN74LVC1G3157D	Break-to-open protection against short circuit, low output impedance	SC70-6 SOT23-6
general operation- als amplifier	LM124DR	Single Supply: 3 V to 32 V, Dual Supplies: ±1.5 V to ±16 V	SOP-8
general operation- als amplifier	LM224DR	Single Supply: 3 V to 32 V, Dual Supplies: ±1.5 V to ±16 V	SOP-14
general operation- als amplifier	LM158DR	Single power supply or dual power supply, low power consumption	SOP-8
general operation- als amplifier	LM258DR	Single power supply or dual power supply, low power consumption	SOP-8
general operation- als amplifier	LM193DR	Wide Single-Supply Range: 2.0 V to 32 V, Split-Supply Range: 1.0 V to 16 V	SOP-8
general operation- als amplifier	LM293DR	Wide Single-Supply Range: 2.0 V to 32 V, Split-Supply Range: 1.0 V to 16 V	SOP-8
general operation- als amplifier	LM2902DR	Single Supply: 3 V to 26 V, Dual Supplies: ±1.5 V to ±13 V	SOP-14
general operation- als amplifier	LM2903DR	Wide Single-Supply Range: 2.0 V to 30 V, Split-Supply Range: 1.0 V to 15 V	SOP-8
general operation- als amplifier	LM2904DR	supply voltage: 0.3 V to 26 V, Differential input voltage:26V	SOP-8
general operation- als amplifier	LM321MF	Low supply current: 430pA, Low input bias current: 45nA	SOT23-5
general operation- als amplifier	LM324ADR	Wide range of supply voltages, DC voltage gain 100 V/ mV Typ	SOP-14

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Туре	Part number	Parameter	Package
general operation- als amplifier	LM358ADR	Single or dual power supply, logic circuit matching, wide frequency range	SOP-8
general operation- als amplifier	LM393ADR	Wide Single-Supply Range: 2.0V to 36V, Low Input Offset Voltage: 5.0mV	SOP-8
general operation- als amplifier	JRC4558D	Low noise VNI=2.5uV, high frequency bandwidth BW=3MHz	SOP-8
supply voltage	LMV324IDR	Supply Voltage 7.5V, 2.1V~5.5V working voltage, Low input bias current: 10pA	SOP-14
supply voltage	LMV358IDR	Supply Voltage 7.5V, 2.1V~5.5V working voltage, Low input bias current: 10pA	SOP-8
supply voltage	LMV321IDXXR	Supply Voltage 7.5V, 2.1V~5.5V working voltage, Low input bias current: 10pA	SC70-5 SOT23-5
infrared sensor	BISS0001	Operating voltage range+3V~5V	SOP-16
temperature sensor	DS18B20	Supply Voltage 2.5V-5.5V, Temperatures from -55° C to+125° C(-67° F to +257° F)	TO-92
temperature sensor	DS18B20U	Supply Range 2.5V-5.5V, Temperatures from -55° C to+125° C(-67° F to+257° F)	MSOP8
temperature sensor	DS18B20Z	Supply Range 2.5V-5.5V, Temperatures from -55° C to+125° C(-67° F to+257° F)	SOP-8
supply voltage	LM75BD	supply range 2.8V-5.5V, Temperatures range from 55° C to+125° C	SOP-8
supply voltage	LM75BDP	supply range 2.8V-5.5V, Temperatures range from 55° C to+125° C	MSOP-8
supply voltage	TMP75AIDR	Supply voltage range : 1.4V~5.5V, temperature range : -55° C~+125° C	SOP-8
supply voltage	TMP75AIDGKR	Supply voltage range : 1.4V~5.5V, temperature range : -55° C~+125° C	MSOP-8
supply voltage	TMP112AIDRLR	Supply voltage range: 1.4V~5.5V, Temperature range: -55° C~+150° C	SOT-563
supply voltage	TMP112BIDRLR	Supply voltage range: 1.4V~5.5V, Temperature range: -55° C~+150° C	SOT-563
supply voltage	TMP175AIDR	Supply voltage range : 1.4V~5.5V, temperature range : -55° C~+128° C	SOP-8
supply voltage	TMP175AIDGKR	Supply voltage range : 1.4V~5.5V, temperature range : -55° C~+128° C	MSOP-8
darlinton tube	ULN2803A	High output voltage (up to 50V, high output current up to 500mA)	SOP-18
darlinton tube	ULN2003A	High output voltage (up to 50V, high output current up to 500mA)	SOP-16





Туре	Part number	Parameter	Package
ESD/TVS	USBLC6-2SC6	Operating voltage: 5V, 150W peak pulse power (tp=8/20 \(\mu \) s),Peak Pulse Current 6A, Reverse LeakageCurrent 0.1uA ,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23-6
ESD/TVS	PESD5V2S2UT	550W peak pulse power (tp=8/20 µs),Peak Pulse Current 20A, Reverse LeakageCurrent 0.5uA ,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PESD5V0L1BA	550W peak pulse power (tp=8/20 \(\mu \)s),Peak Pulse Current 30A,Reverse Leakage Current 1uA,ESD(Air discharge: \(\pm \) 30kV, Contact discharge: \(\pm \) 30kV)	SOD-323
ESD/TVS	PESD12VL1BA	260W peak pulse power (tp=8/20 μs),Peak Pulse Current10A,Reverse Leakage Current 1uA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-323
ESD/TVS	PESD3V3S2UT	350W peak pulse power (tp=8/20 µs), Peak Pulse Current 20A,Reverse Leakage Current 0.5uA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PESD1CAN	200W peak pulse power (tp=8/20 µs) , Peak Pulse Current 3A,Reverse Leakage Current 0.5uA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PSD05C-LF-T7	450W peak pulse power (8/20 µs), Peak Pulse Current 34A,Reverse Leakage Current 0.5uA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-323
ESD/TVS	PSM712-LF-T7	150W peak pulse power (8/20 µs), Peak Pulse Current 7A,Reverse Leakage Current 0.5uA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT23-3
ESD/TVS	SM05.TCT	Working voltages : 5V,450W peak pulse power (8/20 µs),Reverse Leakage Current 1uA, ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOT-23
ESD/TVS	SD12C	Working voltages : 3V,5V,8V,12V,15V,18V,20V,24V,36V,350W Peak Pulse Power (8/20 μ s), ESD(Air discharge: \pm 30kV, Contact discharge: \pm 30kV)	SPD-323
ESD/TVS	SM24	Working voltages: 3.3Vto36V,350 Watts Peak Pulse Power per (tp=8/20 µs),Reverse Leakage Current 1uA,ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOT-23
ESD/TVS	SRV05-4.TCT	60W Peak Pulse Power (tp=8/20 μ s),Peak Pulse Current 3A,Reverse Leakage Current 0.5 μ A,ESD(Air discharge: ±30kV, Contact discharge: ±25kV)	SOT23-6
ESD/TVS	IP4220CZ6	Ultra low capacitance: 0.35 pF typical (I/O to I/O),Reverse Leakage Current 0.3 µ A,ESD (Air discharge: ±25kV, Contact discharge: ±25kV)	SOT23-6
ESD/TVS	PESD5V0S1BB	130W peak pulse power(tp=8/20 µs), Peak Pulse Current 12A,Reverse LeakageCurrent 5nA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-523
ESD/TVS	PESD3V3L1BA	480W peak pulse power (tp=8/20 µs),Peak Pulse Current 20A,Reverse LeakageCurrent 1uA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-323
ESD/TVS	PESD5V0S2BT	300W peak pulse power (tp=8/20 μs),Peak Pulse Current 20A, Reverse Leakage Current 1 μ A,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PESD2CAN	250W peak pulse power (tp=8/20 μs)Peak Pulse Current 5A,Reverse Leakage Current 0.5 μ A,ESD(Air discharge: ±30kV, Contact discharge: ±25kV)	SOT-23
ESD/TVS	PESD24VL1BA	300W peak pulse power (tp=8/20 µs),Peak Pulse Current 6A,Reverse Leakage Current 0.5 µ A,ESD(Air discharge: ±30kV, Contact discharge: ±25kV)	SOD-323
ESD/TVS	SMF5.0A	Stand-off voltage; 5-170 Volts, Maximum PPK Dissipation (PW -10/1000 µs) 200W	SOD123-FL
ESD/TVS	SMF6.0A	Stand-off voltage; 5-170 Volts, Maximum PPK Dissipation (PW -10/1000 µs) 175W	SOD-123FL

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Туре	Part number	Parameter	Package
ESD/TVS	SMF6.0CA	Stand-off voltage; 5-170 Volts, Maximum PPK Dissipation (PW -10/1000 µs)175W	SOD123-FL
ESD/TVS	SMAJ5.0A	400W Peak pulse power dissipation with a 10/1000 μs Maximum Reverse Leakage 800 $\muA,$ TEST CURRENT 10mA	SMA
ESD/TVS	SMAJ5.0CA	400W Peak pulse power dissipation with a 10/1000 μs Maximum Reverse Leakage 800 $\muA_{\rm r}$ TEST CURRENT 10mA	SMA
ESD/TVS	SMAJ15A	400W Peak pulse power dissipation with a 10/1000 μs Maximum Reverse Leakage 1 μA_{τ} TEST CURRENT 1mA	SMA
ESD/TVS	SMAJ15CA	400W Peak pulse power dissipation with a 10/1000 μs Maximum Reverse Leakage 1 μ A, TEST CURRENT 1mA	SMA
ESD/TVS	UCLAMP1201P	150W Peak Pulse Power(tp=8/20us waveform) ±25kV (Air) ±20kV (Contact)	SLP1006P2
ESD/TVS	SMBJ5.0A	600W peak pulse power capability with a 10/1000 μs Maximum Reverse Leakage 800 μA	SMB
ESD/TVS	SMBJ5.0CA	600W peak pulse power capability with a 10/1000 μs Maximum Reverse Leakage 800 μA	SMB
ESD/TVS	SMCJ5.0A	1500W surge capability at 1ms, Peak Forward Surge Current 200A Maximum Reverse Leakage 1000 µ Å	SMC
ESD/TVS	SMCJ5.0CA	1500W surge capability at 1ms, Peak Forward Surge Current 200A Maximum Reverse Leakage 1000 μ A	SMC
ESD/TVS	PESD1CAN	200 W peak pulse power (tp=8/20 μs) ±30kV contact ±30kV air	SOT-23
ESD/TVS	PESD2CAN	250 W peak pulse power (tp=8/20 μs) ±30kV contact ±30kV air	SOT-23
ESD/TVS	ESD5451N	Reverse stand-off voltage: ±5V Max ±30kV contact and air discharge	DFN1006-2
ESD/TVS	PESD5V0S1BB	130W peak pulse power (tp=8/20 µs) ±30kV contact ±30kVair	SOD-523
ESD/TVS	PESD15VL1BA	320W peak pulse power (tp= 8/20 µs) ±30kV contact ±30kV air	SOD-323
ESD/TVS	PESD3V3S2UT	350 W peak pulse power (tp=8/20 μs) ±30kV contact ±30kV air	SOT-23
ESD/TVS	IP4220CZ6	Low Capactiance 4-Line TVS Array: 0.35 pF typical (I/O to I/O)	SOT-23-6
ESD/TVS	SRV05-4.TCT	Low Capactiance 4-Line TVS Array: 0.3pF typical (I/O to I/O)	SOT-23-6
ESD/TVS	RCLAMP0524P	Low capacitance TVS arrays designed to protect high speed data interfaces (±15kV air, ±8kV contact discharge)	DFN2510-10
ESD/TVS	MMBZ5V6ALT1G	Common Anode Zeners for ESD Protection working peak reverse voltage 3V to 22V	SOT-23





Type	Part number	Parameter	Package
ESD/TVS	LESD8D3.3CAT5G	Low Leakage response Time is Typically < 1 ns	SOD-882
ESD/TVS	PESDR0521P1	Ultra low capacitance: 0.3pF typical,Operating voltage: 5V	DFN1006-2
ESD/TVS	PESDNC2FD5VB	60W Peak Pulse Power (8/20 µs) ±15kV (Air) ±8kV (Contact)	DFN1006
ESD/TVS	LESD8D7.0CAT5G	80W Peak Pulse Power (tp = 8/20 µs) ±20kV (Air) ±15kV (Contact)	SOD-882
ESD/TVS	SS14	Maximum Repetitive Peak Reverse Voltage 40V, Maximum RMS voltage 28V	SMA
ESD/TVS	SS14F	Maximum Repetitive Peak Reverse Voltage 40V.Maximum RMS voltage 28V	SMAF
ESD/TVS	SS16	Maximum Repetitive Peak Reverse Voltage 60V, Maximum RMS voltage 42V	SMA
ESD/TVS	SS26	Maximum Repetitive Peak Reverse Voltage 60V, Maximum RMS voltage 42V	SMA
ESD/TVS	SS26F	Maximum Repetitive Peak Reverse Voltage 60V, Maximum RMS voltage 42V	SMAF
ESD/TVS	SS34	Maximum Repetitive Peak Reverse Voltage 40V, Maximum RMS voltage 28V	SMA
ESD/TVS	SS34F	Maximum Repetitive Peak Reverse Voltage 40V, Maximum RMS voltage 28V	SMAF
ESD/TVS	SS34BF	Maximum repetitive peak reverse voltage 40V,Maximum RMS voltage 28V	SMBF
ESD/TVS	US1J	Single phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%	SMA
ESD/TVS	US1M	Single phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.	SMA
ESD/TVS	SS26	Maximum Recurrent Peak Reverse Voltage 60V, Maximum RMS Voltage 42V	SMB
ESD/TVS	SS34	Maximum DC Blocking Voltage 40V, Maximum Average Forward Rectified Current 3.0A	SMB
ESD/TVS	SS34	Maximum Repetitive Peak Reverse Voltage 40V, Maximum RMS Voltage 28V	SMC
ESD/TVS	SD05.TCT	360W peak pulse power (tp=8/20 µs), Peak Pulse Current 20A,Reverse Leakage Current 1 µA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-323
ESD/TVS	PESD24VS2UT	300W peak pulse power (tp=8/20 µs), Peak Pulse Current 6A,Reverse Leakage Current 0.5 µA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PESD15VS2UT	350W peak pulse power (tp=8/20 µs),Peak Pulse Current 10A,Reverse Leakage Current 0.5 µA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23

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Туре	Part number	Parameter	Package
ESD/TVS	PESD12VS2UT	300W peak pulse power (tp=8/20 µs), Peak Pulse Current 12A,Reverse Leakage Current 1 µ A,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PESD15VL1BA	320W peak pulse power (tp=8/20 μ s), Peak Pulse Current 10A,Reverse Leakage Current 0.5 μ A,ESD(Air discharge: \pm 30kV, Contact discharge: \pm 30kV)	SOD-323
ESD/TVS	RCLAMP0522P.TCT	150W Peak Pulse Power (8/20 μs),Peak Pulse Current 5A,Reverse Leakage Current 0.5 μ A,ESD(Air discharge: ±25kV, Contact discharge: ±20kV)	SLP1610P4
ESD/TVS	PESD5V0L5UY	60W Peak Pulse Power (8/20 μs),Reverse Leakage Current 1 μA, ESD (Air discharge: ±25kV, Contact discharge: ±20kV)	SOT-363
ESD/TVS	NUP1301	Reverse Voltage 70V,Peak Forward Surge Current 500mA,Reverse Voltage Leakage Current 2.5 µ A	SOT-23
ESD/TVS	PESD1LIN	160W Peak Pulse Power (8/20 μs),peak pulse current 3A,ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOD-323
ESD/TVS	PESD3V3L5UY	150W Peak Pulse Power (8/20 μs), Pleak Puls Current 6A,Reverse Leakage Current 3 μ A,ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOT-363
ESD/TVS	LESD5Z5.0CT1G	75W Peak Pulse Power (8/20 μs) Working voltages : 5V,Reverse Leakage Current 1 μ A,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-523
ESD/TVS	SD24C	350W Peak Pulse Power per (tp=8/20 μs), Reverse Leakage Current 1 μ A,ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOD-323
ESD/TVS	SM03	350W Peak Pulse Power per (tp=8/20 μs), Reverse Leakage Current 40 μ A,ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOT-23
ESD/TVS	SM05	350W Peak Pulse Power per (tp=8/20 μs), Working voltages : 3.3V to 36V, Reverse Leakage Current 10 μ A,ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOT-23
ESD/TVS	SD05C	350W Peak Pulse Power per (tp=8/20 $\mus),~ESD(Air~discharge: \pm30kV,~Contact~discharge:~\pm30kV)$	SOD-323
ESD/TVS	1N4007(M7)	Reverse Voltage-50 to 1000V Forward Current-1.0A	SMA
ESD/TVS	1N4007(A7)	Reverse Voltage-50 to 1000V Forward Current-1A	SOD-123FL
ESD/TVS	ESD0524P	ultra-low capacitance Transient Voltage Suppressor (TVS) designed to protection for high-speed data interfaces.	DFN2510
ESD/TVS	ESD0504F	ultra-low capacitance Transient Voltage Suppressor (TVS) designed to protection for high-speed data interfaces	SOT-363
ESD/TVS	SLVU2.8-4.TBT	2.8V TVS Array For ESD and Latch-Up Protection	SOP-8
ESD/TVS	PESDR0521P1	bi-directional TVS diode. ultra-low capacitance with a typical value at 0.3pF	DFN1006-2
ESD/TVS	TPD1E05U06DPYR	Low capacitance (Cj=0.7pF typ.) 45W peak pulse power (tp=8/20 µs)	X1SON-2
ESD/TVS	USBLC6-2SC6	Operating voltage: 5V, Air discharge: ±30kV , Contact discharge: ±30kV	SOT-23-6





Туре	Part number	Parameter	Package
ESD/TVS	SMCJ36CA	1500W surge capability at 1ms,Fast response time: typically less then 1.0 ps from 0 volt to VBR(min.),Typical IR less then 1mA above 10V	SMC
ESD/TVS	SMBJ36CA	600 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01 %, LF maximum peak of 260 ° C	SMB
ESD/TVS	SMBJ36A	600 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01 %, LF maximum peak of 260 ° C	SMB
ESD/TVS	SMBJ30CA	600 W peak pulse power capability with a 10/1000 µs waveform, repetitive rate (duty cycle): 0.01 %, LF maximum peak of 260 ° C	SMB
ESD/TVS	SMBJ30A	600 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01 %, LF maximum peak of 260 ° C	SMB
ESD/TVS	SMBJ28CA	600 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01 %, LF maximum peak of 260 ° C	SMB
ESD/TVS	SMBJ26CA	600 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01 %, LF maximum peak of 260 ° C	SMB
ESD/TVS	SMBJ24CA	600 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01%, LF maximum peak of 260 ° C	SMB
ESD/TVS	SMBJ24A	600 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01%, LF maximum peak of 260 ° C	SMB
ESD/TVS	SMBJ20A	600 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01%, LF maximum peak of 260 ° C	SMB
ESD/TVS	SMBJ18CA	600 W peak pulse power capability with a 10/1000 μs waveform, repetitive rate (duty cycle): 0.01%, LF maximum peak of 260° C	SMB
ESD/TVS	ESD5Z3V3	108 peak pulse power (tp=8/20 μs), Peak Pulse Current 9A,Reverse Leakage Current 0.1 μA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-523
ESD/TVS	CESD3V3D3	210W peak pulse power (tp=8/20 μs), Peak Pulse Current 16A,Reverse Leakage Current 10 μ A,ESD(Air discharge: ±25kV, Contact discharge: ±25kV)	SOD-323
ESD/TVS	SM08	350W Peak Pulse Power per (tp=8/20 μs), Reverse LeakageCurrent 2 μ A,ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOT-23
ESD/TVS	SM05T1G	300W peak pulse power (tp=8/20 μs), Peak Pulse Current 12A,Reverse Leakage Current 10 μ A,ESD(Air discharge: ±15kV, Contact discharge: ±26kV)	SOT-23
ESD/TVS	SM12T1G	300W peak pulse power (tp=8/20 μs), Peak Pulse Current 12A,Reverse Leakage Current 1 μ A,ESD(Air discharge: ±15kV, Contact discharge: ±26kV)	SOT-23
ESD/TVS	SPD9105W	360W peak pulse power (tp=8/20 µs), Peak Pulse Current 20A,Reverse Leakage Current 0.1nA,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-323
ESD/TVS	NUP2105L	350W peak pulse power (tp=8/20 µs), Peak Pulse Current 8A,Reverse Leakage Current 15nA,ESD(Contact discharge: ±30kV)	SOT-23
ESD/TVS	ESD5B5VL	50W peak pulse power (tp=8/20 μs), Peak Pulse Current 3.5A,Reverse Leakage Current 1 μ A,ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOD-523
ESD/TVS	PRTR5V0U2X	40W peak pulse power (tp=8/20 µs), Peak Pulse Current 3.5A,Reverse Leakage Current 50nA,ESD(Air discharge: ±20kV, Contact discharge: ±15kV)	SOT-143

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Туре	Part number	Parameter	Package
ESD/TVS	PESD36VS2UT	160W peak pulse power (tp=8/20 μs), Peak Pulse Current 2.5A,Reverse Leakage Current 1 μA, ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOT-23
ESD/TVS	PESD15VL2BT	400W peak pulse power (tp=8/20 μs), Peak Pulse Current 11A.Reverse Leakage Current 0.1 μA, ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PESD3V3L1UB	45W peak pulse power (tp=8/20 μs), Peak Pulse Current 4.5A,Reverse Leakage Current 0.1 μA, ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOD-523
ESD/TVS	PESD5V0L2BT	350W peak pulse power (tp=8/20 μs), Peak Pulse Current 17A,Reverse Leakage Current 0.1 μA, ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PESD5V0L1UA	42W peak pulse power (tp=8/20 µs), Peak Pulse Current 3.5A,Reverse Leakage Current 10nA, ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOD-882
ESD/TVS	PESD5V0U1UT	60W peak pulse power (tp=8/20 μs), Peak Pulse Current 3.5A,Reverse Leakage Current 0.5 μA, ESD(Air discharge: ±15kV, Contact discharge: ±15kV)	SOT-23
ESD/TVS	PSR05-LF-T7	500W peak pulse power (tp=8/20 μ s), Peak Pulse Current 25A,Reverse Leakage Current 5 μ A, ESD(Air discharge: \pm 30kV, Contact discharge: \pm 30kV)	SOT-143
ESD/TVS	PESD5V0S1BA	130W peak pulse power (tp=8/20 µs), Peak Pulse Current 12A,Reverse Leakage Current 10nA, ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOD-323
ESD/TVS	ESDCAN24-2BLY	280W peak pulse power (tp=8/20 μs), Peak Pulse Current 6A,Reverse Leakage Current 0.1 μA, ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PESD12VL2BT	350W peak pulse power (tp=8/20 μs), Peak Pulse Current 12A,Reverse Leakage Current 0.1 μA, ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOT-23
ESD/TVS	PSOT12C-LF-T7	300W peak pulse power (tp=8/20 μ s), Peak Pulse Current 24A,Reverse Leakage Current 2 μ A, ESD(Air discharge: \pm 15kV, Contact discharge: \pm 8kV)	SOT-23
ESD/TVS	LESD5D5.0CT1G	150W peak pulse power (tp=8/20 μ s),Reverse Leakage Current 1 μ A,ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOD-523
ESD/TVS	LGSOT05CLT1G	300W peak pulse power (tp=8/20 μ s), Peak Pulse Current 17A,Reverse Leakage Current 5 μ A, ESD(Air discharge: \pm 15kV, Contact discharge: \pm 8kV)	SOT-23
ESD/TVS	ESD56151W04	2400W peak pulse power (tp=8/20 µs), Peak Pulse Current 150A,Reverse Leakage Current 0.1 µ A,ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-323
ESD/TVS	ESDONCAN1LT1G	200W peak pulse power (tp=8/20 µs), Peak Pulse Current 3A,Reverse Leakage Current 15nA, ESD(Contact discharge: ±23kV)	SOT-23
ESD/TVS	UCLAMP3301D	100W peak pulse power (tp=8/20 μs), Peak Pulse Current 10A,Reverse Leakage Current 0.5 μA, ESD(Air discharge: ±15kV, Contact discharge: ±8kV)	SOD-323
ESD/TVS	ESD5B5.0ST1G	50W peak pulse power (tp=8/20 μs), Reverse Leakage Current 1 μA, ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOD-523
ESD/TVS	LESD8D5.0CAT5G	69W peak pulse power (tp=8/20 μs), Peak Pulse Current 5.5A,Reverse Leakage Current 0.5 μA, ESD(Air discharge: ±25kV, Contact discharge: ±20kV)	SOD-882
ESD/TVS	MMBZ27VALT1G	Working peak reverse voltage 3V to 22V, Standard Zener breakdown voltage 5.6V to 27V	SOT-23
ESD/TVS	SLVU2.8-4.TBT	100W peak pulse power (tp=8/20 μs), Peak Pulse Current 10A,Reverse Leakage Current 1 μA, ESD(Air discharge: ±30kV, Contact discharge: ±30kV)	SOP-8