



PRISEMI ELECTRONIC
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分立器件选型指南

Discrete Devices Selection Guide



PRISEMI ELECTRONIC

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Shanghai Prisemi Electronics Co., Ltd, is a high-tech electronics enterprise dedicated in intergrated circuit R&D, production and sales. Prisemi mainly focuses on the research of professional integrated circuit (charge IC / LED driver / main power control IC of mobile phone, segment LCD driver etc.) and discrete devices (ESD / TVS / EOS / MOSFET / TSS / Transistor / Diodes etc.) .

We are focusing on domestic market, meanwhile are developing the overseas market actively. Our products are exported to Europe, USA, Japan, South Korea and Southeast Asia etc, and are widely applied in inintelligent terminal devices, network communication equipments, security monitoring systems, automotive electronics devices, intelligent home appliances and green lightings etc. Prisemi has constructed a strategic partnership with many well-known international enterprises. The praise and trust from customers have built Prisemi as an international corporation brand.

上海芯导电子科技有限公司 (Prisemi) 是一家专注于高品质、高性能的模拟集成电路和功率器件开发及销售的芯片公司, 总部位于上海张江高科技园区, 产品涵盖专用集成电路芯片 (锂电池快充、LED背光/闪光灯驱动、移动电源主控、段式LCD驱动等) 和半导体功率器件 (TVS、MOSFET、TSS、Transistor、Diodes等) 。

多年来, 芯导电子一直以用户需求为核心, 重视自主研发能力和技术革新, 在专注国内市场开拓的同时, 积极拓展海外市场, 目前产品已远销欧美日韩及东南亚等国家与地区, 在智能终端、网络通信、安防工控、汽车电子、智能家居、照明等应用领域具有卓越的产品及整体方案优势。

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Part No.	V _{rw} (V)	I _r (μ A)	V _{br} (V)	C(pF)	P _{pk} (W)	Package
PESDMC2XD5VB	5	1	7	0.4	40	DFN-0603-2L
PESDUC2XD5VU	5	1	5.6	0.5	80	DFN-0603-2L
PESDUC2XD5VB	5	1	5.6	0.35	120	DFN-0603-2L
PESDUC2XD7VB	7	1	7.5	0.35	120	DFN-0603-2L
PESDMC2XD18VB	18	1	19~23	0.4	30	DFN-0603-2L
PESDUC2FD3V3U	3.3	1	4.5	0.35	55	DFN-1006-2L
PESDUC2FD3V3B	3.3	1	4.8	0.2	45	DFN-1006-2L
PESDUC2FD5VU	5	1	5.4~8.5	0.5	100	DFN-1006-2L
PESDUC2FD5VB	5	1	5.6~8.5	0.3	100	DFN-1006-2L
PESDUC2FD5VB2	5	1	5.6~8.5	0.25	100	DFN-1006-2L
PESDSC2FD5VU	5	1	5.4~8.5	0.5	100	DFN-1006-2L
PESDSC2FD5VB	5	1	5.6	0.3	100	DFN-1006-2L
PESDLC2FD5VB	5	1	5.6~8.5	0.6	100	DFN-1006-2L
PESDMC2FD5VB	5	1	7	0.4	40	DFN-1006-2L
PESDMC2FD10VB	10	1	12	0.4	30	DFN-1006-2L
PESDMC2FD18VB	18	1	19~23	0.4	30	DFN-1006-2L
PESDUC3FD3V3U	3.3	1	4.5	0.4	40	DFN-1006-3L
PESDUC3FD5VU	5	1	5.4~8.5	0.5	75	DFN-1006-3L
PESDALC10N3V3U	3.3	1	5.6~7	0.5	110	DFN-2510-10L
PESDALC10N5VU	5	1	6~8	0.5	100	DFN-2510-10L
PESDALC10FN5VU	5	1	6~8	0.5	100	DFN-3020-10L
PESDMC9D5VU	5	1	5.4	0.5	65	SOD-923
PESDUC9D5VU	5	1	5.4	0.5	100	SOD-923
PESDUC9D5VB	5	1	5.6	0.3	100	SOD-923
PESDUC9D12VU	12	1	13.8	0.5	100	SOD-923
PESDUC5D5VU	5	1	5.4	0.5	150	SOD-523
PESDUC5D5VB	5	1	5.6	0.4	100	SOD-523
PESDUC3D3V3B	3.3	1	5	0.5	150	SOD-323
SLVU2.8-4L	2.8	1	3	0.5	500	SOP-8
PESDUC523T5VU	5	1	5.6	0.5	125	SOT-523
PESDAUC563T5VU	5	1	6	0.5	150	SOT-563
PESDAWC236T3V3U	3.3	1	5	0.5	100	SOT-23-6L
PESDAUC236T5VU	5	1	6	0.5	350	SOT-23-6L
PESDAWC236T5VU	5	1	6	0.4	150	SOT-23-6L

Part No.	Vrwm(V)	Ir(uA)	Vbr(V)	C(pF)	Ppk(W)	Package
PESDWC2XD5VB	5	1	5.6	3	80	DFN-0603-2L
PESDWC2XD5VBL	5	1	5.6	3	35	DFN-0603-2L
PESDLC2FD5VB	5	1	5.6~7.8	2	100	DFN-1006-2L
PESDLC2FD5VUH	5	1	6~8	1.1	130	DFN-1006-2L
PESDWC2FD5VB	5	1	5.6	3	80	DFN-1006-2L
PESDSC2FD5VB	5	1	5.6~7.8	5	100	DFN-1006-2L
PESDWC9D3V3B	3.3	1	4.8	2	100	SOD-923
PESDWC9D5VB	5	1	5.6~7.8	2	100	SOD-923
PESDLC9D5VB	5	1	5.6~7.8	3	100	SOD-923
PTVSLC3D3V3B	3.3	1	4	3.5	350	SOD-323
PTVSUC3D3V3B	3.3	1	4.5	1.5	350	SOD-323
PTVSUC3D5VB	5	1	6	1.2	240	SOD-323
PTVSLC3D5VB	5	1	6	4.5	350	SOD-323
PTVSLC3D8VB	8	1	8.5	4.5	350	SOD-323
PTVSLC3D12VB	12	1	13.3	3.5	350	SOD-323
PESDMC3D12VB	12	1	14.5	8	90	SOD-323
PTVSLC3D24VB	24	1	26.7	3	350	SOD-323
SLVU2.8-4	2.8	1	3	3.5	500	SOP-8
PESDLC723T5VU	5	1	5.6	1.4	110	SOT-723
PESDLC563T5VU	5	1	6.1	10	100	SOT-563
PESDLC553T5VU	5	1	6.1	10	10	SOT-553
PESDLC363T5VU	5	1	6.2	10	100	SOT-363
PESDALC363T5VU	5	1	6	3	150	SOT-363
PESDLC353T5VU	5	5	6.2	10	100	SOT-353
SLVU2.8	2.8	1	3	3.5	500	SOT-23
PESDLC23T5VU	5	1	5.6	3	500	SOT-23
PESDALC23T12VU	12	1	15	3	100	SOT-23
PTVSLC23T12VU	12	1	15	3	600	SOT-23
PESDALC236T5VU	5	1	6	4	350	SOT-23-6L
PESDALC236T5V4	5	1	6	1.2	150	SOT-23-6L
PESDAMC236T5VU	5	1	6	3	250	SOT-23-6L
SRV05-4	5	1	6	3	350	SOT-23-6L
PESDALC143T5VU	5	1	6.0~8.5	1.5	350	SOT-143

Part No.	Vrwm(V)	Ir(uA)	Vbr(V)	C(pF)	Ppk(W)	Package
PESDNC2XD3V3U	3.3	1	5	39	60	DFN-0603-2L
PESDNC2XD3V3B	3.3	1	5	20	60	DFN-0603-2L
PESDNC2XD4V5B	4.5	1	4.7	16	70	DFN-0603-2L
PESDNC2XD5VU	5	1	7	29.5	75	DFN-0603-2L
PESDNC2XD5VB	5	1	5.6	15	40	DFN-0603-2L
PESDNC2XD5V5B	5.5	1	5.8	15	40	DFN-0603-2L
PESDNC2XD7VB	7	1	9	13	110	DFN-0603-2L
PESDNC2XD12VU	12	1	14.5	15.5	70	DFN-0603-2L
PESDNC2XD12VB	12	1	15	8	60	DFN-0603-2L
PESDNC2FD3V3U	3.3	1	4	35	100	DFN-1006-2L
PESDNC2FD3V3B	3.3	1	4.5	10	80	DFN-1006-2L
PESDNC2FD3V3BS	3.3	1	4.5	9.5	60	DFN-1006-2L
PESDNC2FD4V5B	4.5	1	4.7	16	80	DFN-1006-2L
PESDNC2FD5VU	5	1	6	22~30	100	DFN-1006-2L
PESDNC2FD5VB	5	1	5.6	15	80	DFN-1006-2L
PESDNC2FD5VBL	5	1	6~9	7	60	DFN-1006-2L
PESDNC2FD5VBS	5	1	5.6	12	50	DFN-1006-2L
PESDNC2FD5VBH	5	1	6.4	35	100	DFN-1006-2L
PESDNC2FD7VU	7	1	7.5~8.5	30	100	DFN-1006-2L
PESDNC2FD7VB	7	1	7.5~10	12	110	DFN-1006-2L
PESDNC2FD8VB	8	1	9	13	30	DFN-1006-2L
PESDNC2FD12VU	12	1	13.5	15	100	DFN-1006-2L
PESDNC2FD12VB	12	1	14	8	90	DFN-1006-2L
PESDNC2FD12VBH	12	1	15	25	600	DFN-1006-2L
PESDNC2FD18VB	18	1	19	22	120	DFN-1006-2L
PESDNC2FD24VB	24	1	25	15	300	DFN-1006-2L
PESDNC2FD36VB	36	1	37~42	15	400	DFN-1006-2L
PESDNC3FD5VB	5	1	5.6~7.0	20	100	DFN-1006-3L
PESDNC353T5VU	5	6.2	5	15	100	SOT-353
PESDNC523T5VU	5	1	5.6	1.4	125	SOT-523
PESDNC553T5VU	5	1	6.1	31	100	SOT-553
PESDNC563T5VU	5	1	6.1	33	100	SOT-563

Part No.	Vrwm(V)	Ir(uA)	Vbr(V)	C(pF)	Ppk(W)	Package
PESDNC9D3V3U	3.3	1	4.0~6.0	35	100	SOD-923
PESDNC9D3V3B	3.3	1	4.0~7.0	8	80	SOD-923
PESDNC9D5VU	5	1	6.0~7.2	30	100	SOD-923
PESDNC9D5VB	5	1	5.6~7.8	12	80	SOD-923
PESDNC9D7VB	7	1	7.5~8.5	30	100	SOD-923
PESDNC9D8VB	8	1	9.0~13.0	15	80	SOD-923
PESDNC9D12VU	12	1	13.5~14.5	25	100	SOD-923
PESDNC5D3V3U	3.3	1	5	120	150	SOD-523
PESDNC5D3V3B	3.3	1	5	60	80	SOD-523
PESDNC5D4V2U	4.2	1	5	120	150	SOD-523
PESDNC5D5VU	5	0.5	6.2~7.2	70	200	SOD-523
PESDNC5D5VB	5	1	6~8	20	80	SOD-523
PESDNC5D7VU	7	1	8	70	260	SOD-523
PESDNC5D12VU	12	1	13.8~15.2	45	350	SOD-523
PESDNC3D3V3U	3.3	1	5	220	350	SOD-323
PESDNC3D5VU	5	1	6	230	350	SOD-323
PESDNC3D5VB	5	1	6	85	350	SOD-323
PESDNC3D8VBL1	8	1	11	8	30	SOD-323
PESDNC3D12VB	12	1	13.5	80	350	SOD-323
PESDNC3D18VB	18	1	20	20	350	SOD-323
PESDNC3D24VBL1	24	1	27	12	250	SOD-323
PESDNC3D24VU	24	1	26.6	80	350	SOD-323
PESDNC3D24VB	24	1	27	20	450	SOD-323
PESDNC23T5VB	5	1	5.5	70	150	SOT-23
PESDNC23T12VU	12	1	14	80	300	SOT-23
PESDNC23T22VU	22	1	23.5	80	300	SOT-23
PESDNC23T24VU	24	1	25.5	80	300	SOT-23
PESDNC23T24VB	24	1	27.5	20	350	SOT-23
PESDNC23T27VU	27	1	32	50	300	SOT-23

Part No.	Vrwm(V)	Ir(uA)	Vbr(V)	C(pF)	Ppk(W)	Package
PESDHC2FD4V5B	4.5	1	4.7~6	70	300	DFN-1006-2L
PESDHC2FD4V5BH	4.5	1	4.7~6	80	500	DFN-1006-2L
PESDHC2FD5VU	5	1	6~7.2	65	180	DFN-1006-2L
PESDHC2FD5VUH	5	1	6~7.2	220	350	DFN-1006-2L
PESDHC2FD5VBH	5	1	5.4	80	300	DFN-1006-2L
PESDHC2FD7VU	7	1	8.1~9.0	73	230	DFN-1006-2L
PESDHC2FD7VB	7	1	9	39	300	DFN-1006-2L
PESDHC2FD12VU	12	1	13.5~15	46	180	DFN-1006-2L
PTVSHC2EN3V3U	3.3	2	3.5	400	1500	DFN-1610-2L
PTVSHC2EN4V5B	4.5	1	4.6	350	1200	DFN-1610-2L
PTVSHC2EN4V8UA	4.8	5	5.0~6.5	570	2000	DFN-1610-2L
PTVSHC2EN5VB	5	2	5.4	260	1500	DFN-1610-2L
PTVSHC2EN5VU	5	1	7	1000	1600	DFN-1610-2L
PTVSHC2EN7VU	7	1	8	500	1400	DFN-1610-2L
PTVSHC2EN10VU	10	1	10.5	600	1600	DFN-1610-2L
PTVSHC2EN12VU	12	1	13.5	400	1600	DFN-1610-2L
PESDHC9D5VU	5	1	6	65	200	SOD-923
PESDHC5D3V3U	3.3	1	5.0~6.5	230	250	SOD-523
PESDHC5D7VU	7	1	8.0~9.0	150	400	SOD-523
PESDHC3D3V3U	3.3	1	5.0~6.5	280	280	SOD-323
PTVSHC3D4V5U	4.5	5	5~7	850	1400	SOD-323
PTVSHC3D4V5B	4.5	2	4.6	260	2400	SOD-323
PTVSHC3D4V5BH	4.5	1	4.6	300	2700	SOD-323
PTVSHC3D5VU	5	1	7	990	1400	SOD-323
PTVSHC3D5VB	5	1	5.1	320	2000	SOD-323
PTVSHC3D7VU	7	1	8	470	1100	SOD-323
PTVSHC3D7VUH	7	1	8	600	2000	SOD-323
PTVSHC3D12VU	12	1	15	350	1300	SOD-323
PTVSHC3D12VUH	12	1	15	450	2000	SOD-323
PTVSHC3D15VU	15	1	16	230	1700	SOD-323
PTVSHC3D15VUH	15	1	16	225	1600	SOD-323
PTVSHC3D18VU	18	1	20	250	1200	SOD-323

Part No.	Vrwm(V)	Ir(uA)	Vbr(V)	C(pF)	Ppk(W)	Package
PTVSHC3N4V5B	4.5	1	4.6	700	7000	DFN-2020-3L
PTVSHC3N4V8U	4.8	10	6	3000	3200	DFN2020-3L
PTVSHC3N5VU	5	3	7	3000	6000	DFN-2020-3L
PTVSHC3N7VU	7	1	8	1700	4300	DFN-2020-3L
PTVSHC3N7VUL1	7	1	9	1150	3500	DFN-2020-3L
PTVSHC3N12VU	12	1	14	1000	5000	DFN-2020-3L
PTVSHC3N12VUL1	12	1	14.5	700	3000	DFN-2020-3L
PTVSHC3N15VU	15	1	16	800	4400	DFN-2020-3L
PTVSHC3N15VUL1	15	1	16	500	3400	DFN-2020-3L
PTVSHC3N15VUH	15	1	16	980	5700	DFN2020-3L
PTVSHC3N18VU	18	1	20	900	4200	DFN-2020-3L
PTVSHC3N20VU	20	1	23	900	5600	DFN-2020-3L
PTVSHC3N24VUP	24	1	27	670	6600	DFN-2020-3L
PTVSHC1SF7VBH	7	1	7.8	650	3500	SOD-123FL(薄型)
PTVSHC1SF12VBH	12	1	14	430	4000	SOD-123FL(薄型)
PTVSHC1SF24VBH	24	1	26	300	5500	SOD-123FL(薄型)
PTVSHC1SF28VBH	28	1	30	300	5200	SOD-123FL(薄型)
PTVSHC1TF12VU	12	1	13~15	1300	4600	SOD-123FL(薄型)
PTVSHC1TF12VUH	12	1	13~15	1030	6200	SOD-123FL(薄型)
PTVSHC1TF15VU	15	1	16.5~19	1000	7500	SOD-123FL(薄型)
PTVSHC1TF24VU	24	1	26~30	590	6000	SOD-123FL(薄型)
PTVSHC1TF24VB	24	1	26~30	250	5200	SOD-123FL(薄型)
PTVSHC1TF24VBH	24	1	26~30	315	6500	SOD-123FL(薄型)
PTVSHC1DF4V8U	4.8	500	5.5	1500	1800	SOD-123FL
PTVSHC1DF5VUL	5	5	6.7	1600	2000	SOD-123FL
PTVSHC1DF7VB	7	200	7.8	480	2200	SOD-123FL
PTVSHC1DF7VBH	7	200	7.8	520	3700	SOD-123FL
PTVSHC1DF12VB	12	1	13.5	350	3200	SOD-123FL
PTVSHC1DF12VBH	12	1	13.5	450	4000	SOD-123FL
PTVSHC1DF15VU	15	1	16.8	700	4000	SOD-123FL
PTVSHC1DF18VB	18	1	22	185	2200	SOD-123FL
PTVSHC1DF24VB	24	5	25	148	3500	SOD-123FL
PTVSHC1DF24VBH	24	1	25	280	5700	SOD-123FL

Part No. (Uni)	Vrwm(V)	Vbr(V)@It		It(mA)	Vc(V)	Ipp(A)	Ir(μA)	Package
		min(V)	max(V)					
PTVSHC1DF5VU	5	6.4	7	10	9.2	21.7	200	SOD-123FL
PTVSHC1DF6VU	6	6.7	7.4	10	10.3	19.4	100	SOD-123FL
PTVSHC1DF6V5U	6.5	7.2	8	10	11.2	17.9	75	SOD-123FL
PTVSHC1DF7VU	7	7.8	8.6	10	12	16.7	50	SOD-123FL
PTVSHC1DF7V5U	7.5	8.3	9.2	1	12.9	15.5	50	SOD-123FL
PTVSHC1DF8VU	8	8.9	9.8	1	13.6	14.7	25	SOD-123FL
PTVSHC1DF8V5U	8.5	9.4	10.4	1	14.4	13.9	10	SOD-123FL
PTVSHC1DF9VU	9	10	11.1	1	15.4	13	5	SOD-123FL
PTVSHC1DF10VU	10	11.1	12.3	1	17	11.8	2.5	SOD-123FL
PTVSHC1DF11VU	11	12.2	13.5	1	18.2	11	2.5	SOD-123FL
PTVSHC1DF12VU	12	13.3	14.7	1	19.9	10.1	2.5	SOD-123FL
PTVSHC1DF13VU	13	14.4	15.9	1	21.5	9.3	1	SOD-123FL
PTVSHC1DF14VU	14	15.6	17.2	1	23.2	8.6	1	SOD-123FL
PTVSHC1DF15VU	15	16.7	18.5	1	24.4	8.2	1	SOD-123FL
PTVSHC1DF16VU	16	17.8	19.7	1	26	7.7	1	SOD-123FL
PTVSHC1DF17VU	17	18.9	20.9	1	27.6	7.2	1	SOD-123FL
PTVSHC1DF18VU	18	20	22.1	1	29.2	6.8	1	SOD-123FL
PTVSHC1DF20VU	20	22.2	24.5	1	32.4	6.2	1	SOD-123FL
PTVSHC1DF22VU	22	24.4	26.9	1	35.5	5.6	1	SOD-123FL
PTVSHC1DF24VU	24	26.7	29.5	1	38.9	5.1	1	SOD-123FL
PTVSHC1DF26VU	26	28.9	31.9	1	42.1	4.8	1	SOD-123FL
PTVSHC1DF28VU	28	31.1	34.4	1	45.4	4.4	1	SOD-123FL
PTVSHC1DF30VU	30	33.3	36.8	1	48.4	4.1	1	SOD-123FL
PTVSHC1DF33VU	33	36.7	40.6	1	53.3	3.8	1	SOD-123FL
PTVSHC1DF36VU	36	40	44.2	1	58.1	3.4	1	SOD-123FL
PTVSHC1DF40VU	40	44.4	49.1	1	64.5	3.1	1	SOD-123FL
PTVSHC1DF43VU	43	47.8	52.8	1	69.4	2.9	1	SOD-123FL
PTVSHC1DF45VU	45	50	55.3	1	72.7	2.8	1	SOD-123FL
PTVSHC1DF48VU	48	53.3	58.9	1	77.4	2.6	1	SOD-123FL
PTVSHC1DF51VU	51	56.7	62.7	1	82.4	2.4	1	SOD-123FL
PTVSHC1DF54VU	54	60	66.3	1	87.1	2.3	1	SOD-123FL
PTVSHC1DF58VU	58	64.4	71.2	1	93.6	2.1	1	SOD-123FL

Part No. (Uni)	Part No. (Bi)	Vrwm(V)	Vbr(V)@It		It(mA)	Vc(V)	Ipp(A)	Ir(μA)	Package
			min(V)	max(V)					
SMAJ5.0A	SMAJ5.0CA	5.0	6.40	7.00	10	9.2	43.5	800	SMA
SMAJ6.0A	SMAJ6.0CA	6.0	6.67	7.37	10	10.3	38.8	800	SMA
SMAJ6.5A	SMAJ6.5CA	6.5	7.22	7.98	10	11.2	35.7	500	SMA
SMAJ7.0A	SMAJ7.0CA	7.0	7.78	8.60	10	12.0	33.3	200	SMA
SMAJ7.5A	SMAJ7.5CA	7.5	8.33	9.21	1	12.9	31.0	100	SMA
SMAJ8.0A	SMAJ8.0CA	8.0	8.89	9.83	1	13.6	29.4	50	SMA
SMAJ8.5A	SMAJ8.5CA	8.5	9.44	10.40	1	14.4	27.8	20	SMA
SMAJ9.0A	SMAJ9.0CA	9.0	10.00	11.10	1	15.4	26.0	10	SMA
SMAJ10A	SMAJ10CA	10.0	11.10	12.30	1	17.0	23.5	5	SMA
SMAJ11A	SMAJ11CA	11.0	12.20	13.50	1	18.2	22.0	1	SMA
SMAJ12A	SMAJ12CA	12.0	13.30	14.70	1	19.9	20.1	1	SMA
SMAJ13A	SMAJ13CA	13.0	14.40	15.90	1	21.5	18.6	1	SMA
SMAJ14A	SMAJ14CA	14.0	15.60	17.20	1	23.2	17.2	1	SMA
SMAJ15A	SMAJ15CA	15.0	16.70	18.50	1	24.4	16.4	1	SMA
SMAJ16A	SMAJ16CA	16.0	17.80	19.70	1	26.0	15.4	1	SMA
SMAJ17A	SMAJ17CA	17.0	18.90	20.90	1	27.6	14.5	1	SMA
SMAJ18A	SMAJ18CA	18.0	20.00	22.10	1	29.2	13.7	1	SMA
SMAJ20A	SMAJ20CA	20.0	22.20	24.50	1	32.4	12.3	1	SMA
SMAJ22A	SMAJ22CA	22.0	24.40	26.90	1	35.5	11.3	1	SMA
SMAJ24A	SMAJ24CA	24.0	26.70	29.50	1	38.9	10.3	1	SMA
SMAJ26A	SMAJ26CA	26.0	28.90	31.90	1	42.1	9.5	1	SMA
SMAJ28A	SMAJ28CA	28.0	31.10	34.40	1	45.4	8.8	1	SMA
SMAJ30A	SMAJ30CA	30.0	33.30	36.80	1	48.4	8.3	1	SMA
SMAJ33A	SMAJ33CA	33.0	36.70	40.60	1	53.3	7.5	1	SMA
SMAJ36A	SMAJ36CA	36.0	40.00	44.20	1	48.1	6.9	1	SMA
SMAJ40A	SMAJ40CA	40.0	44.40	49.10	1	64.5	6.2	1	SMA
SMAJ43A	SMAJ43CA	43.0	47.80	52.80	1	69.4	5.8	1	SMA
SMAJ45A	SMAJ45CA	45.0	50.00	55.30	1	72.7	5.5	1	SMA
SMAJ48A	SMAJ48CA	48.0	53.30	58.90	1	77.4	5.2	1	SMA
SMAJ51A	SMAJ51CA	51.0	56.70	62.70	1	82.4	4.9	1	SMA
SMAJ54A	SMAJ54CA	54.0	60.00	66.30	1	87.1	4.6	1	SMA
SMAJ58A	SMAJ58CA	58.0	64.40	71.20	1	93.6	4.3	1	SMA

Part No. (Uni)	Part No. (Bi)	Vrwm(V)	Vbr(V)@It		It(mA)	Vc(V)	Ipp(A)	Ir(μA)	Package
			min(V)	max(V)					
SMBJ5.0A	SMBJ5.0CA	5.0	6.40	7.00	10	9.2	65.3	800	SMB
SMBJ6.0A	SMBJ6.0CA	6.0	6.67	7.37	10	10.3	58.3	800	SMB
SMBJ6.5A	SMBJ6.5CA	6.5	7.22	7.98	10	11.2	53.6	500	SMB
SMBJ7.0A	SMBJ7.0CA	7.0	7.78	8.60	10	12.0	50.0	200	SMB
SMBJ7.5A	SMBJ7.5CA	7.5	8.33	9.21	1	12.9	46.6	100	SMB
SMBJ8.0A	SMBJ8.0CA	8.0	8.89	9.83	1	13.6	44.2	50	SMB
SMBJ8.5A	SMBJ8.5CA	8.5	9.44	10.40	1	14.4	41.7	20	SMB
SMBJ9.0A	SMBJ9.0CA	9.0	10.00	11.10	1	15.4	39.0	10	SMB
SMBJ10A	SMBJ10.CA	10.0	11.10	12.30	1	17.0	35.3	5	SMB
SMBJ11A	SMBJ11CA	11.0	12.20	13.50	1	18.2	33.0	1	SMB
SMBJ12A	SMBJ12CA	12.0	13.30	14.70	1	19.9	30.2	1	SMB
SMBJ13A	SMBJ13CA	13.0	14.40	15.90	1	21.5	28	1	SMB
SMBJ14A	SMBJ14CA	14.0	15.60	17.20	1	23.2	25.9	1	SMB
SMBJ15A	SMBJ15CA	15.0	16.70	18.50	1	24.4	24.6	1	SMB
SMBJ16A	SMBJ16CA	16.0	17.80	19.70	1	26.0	23.1	1	SMB
SMBJ17A	SMBJ17CA	17.0	18.90	20.90	1	27.6	21.8	1	SMB
SMBJ18A	SMBJ18CA	18.0	20.00	22.10	1	29.2	20.6	1	SMB
SMBJ20A	SMBJ20CA	20.0	22.20	24.50	1	32.4	18.6	1	SMB
SMBJ22A	SMBJ22CA	22.0	24.40	26.90	1	35.5	16.9	1	SMB
SMBJ24A	SMBJ24CA	24.0	26.70	29.50	1	38.9	15.5	1	SMB
SMBJ26A	SMBJ26CA	26.0	28.90	31.90	1	42.1	14.3	1	SMB
SMBJ28A	SMBJ28CA	28.0	31.10	34.40	1	45.4	13.3	1	SMB
SMBJ30A	SMBJ30CA	30.0	33.30	36.80	1	48.4	12.4	1	SMB
SMBJ33A	SMBJ33CA	33.0	36.70	40.60	1	53.5	11.3	1	SMB
SMBJ36A	SMBJ36CA	36.0	40.00	44.20	1	48.1	10.4	1	SMB
SMBJ40A	SMBJ40CA	40.0	44.40	49.10	1	64.5	9.3	1	SMB
SMBJ43A	SMBJ43CA	43.0	47.80	52.80	1	69.4	8.7	1	SMB
SMBJ45A	SMBJ45CA	45.0	50.00	55.30	1	72.7	8.3	1	SMB
SMBJ48A	SMBJ48CA	48.0	53.30	58.90	1	77.4	7.8	1	SMB
SMBJ51A	SMBJ51CA	51.0	56.70	62.70	1	82.4	7.3	1	SMB
SMBJ54A	SMBJ54CA	54.0	60.00	66.30	1	87.1	6.9	1	SMB
SMBJ58A	SMBJ58CA	58.0	64.40	71.20	1	93.6	6.5	1	SMB

Part No. (Uni)	Part No. (Bi)	V _{rw} (V)	V _{br} (V)@I _t		I _t (mA)	V _c (V)	I _{pp} (A)	I _r (μA)	Package
			min(V)	max(V)					
SMCJ11A	SMCJ11CA	11.0	12.20	13.50	1	18.2	82.5	1	SMC
SMCJ12A	SMCJ12CA	12.0	13.30	14.70	1	19.9	75.4	5	SMC
SMCJ13A	SMCJ13CA	13.0	14.40	15.90	1	21.5	69.8	1	SMC
SMCJ14A	SMCJ14CA	14.0	15.60	17.20	1	23.2	64.7	1	SMC
SMCJ15A	SMCJ15CA	15.0	16.70	18.50	1	24.4	61.5	1	SMC
SMCJ16A	SMCJ16CA	16.0	17.80	19.70	1	26.0	57.7	1	SMC
SMCJ17A	SMCJ17CA	17.0	18.90	20.90	1	27.6	54.4	1	SMC
SMCJ18A	SMCJ18CA	18.0	20.00	22.10	1	29.2	51.4	1	SMC
SMCJ20A	SMCJ20CA	20.0	26.70	29.50	1	32.4	46.3	1	SMC
SMCJ22A	SMCJ22CA	22.0	24.40	26.90	1	35.5	42.3	1	SMC
SMCJ24A	SMCJ24CA	24.0	26.70	29.50	1	38.9	38.6	1	SMC
SMCJ26A	SMCJ26CA	26.0	28.90	31.90	1	42.1	35.7	1	SMC
SMCJ28A	SMCJ28CA	28.0	31.10	34.40	1	45.4	33.1	1	SMC
SMCJ30A	SMCJ30CA	30.0	33.30	36.80	1	48.4	31	1	SMC
SMCJ33A	SMCJ33CA	33.0	36.70	40.60	1	53.3	28.2	1	SMC
SMCJ36A	SMCJ36CA	36.0	40.00	44.20	1	58.1	25.9	1	SMC
SMCJ40A	SMCJ40CA	40.0	44.40	49.10	1	64.5	23.3	1	SMC
SMCJ43A	SMCJ43CA	43.0	47.80	52.80	1	69.4	21.7	1	SMC
SMCJ45A	SMCJ45CA	45.0	50.00	55.30	1	72.7	20.6	1	SMC
SMCJ48A	SMCJ48CA	48.0	53.30	58.90	1	77.4	19.4	1	SMC
SMCJ51A	SMCJ51CA	51.0	56.70	62.70	1	82.4	18.2	1	SMC
SMCJ54A	SMCJ54CA	54.0	60.00	66.30	1	87.1	17.3	1	SMC
SMCJ58A	SMCJ58CA	58.0	64.40	71.20	1	93.6	16.1	1	SMC
SMDJ60A	SMDJ60CA	60	66.7	73.7	1	96.8	31	2	SMD
SMDJ64A	SMDJ64CA	64	71.1	78.6	1	103	29.1	2	SMD
SMDJ70A	SMDJ70CA	70	77.8	86	1	113	26.5	2	SMD
SMDJ75A	SMDJ75CA	75	83.3	92.1	1	121	24.8	2	SMD
SMDJ78A	SMDJ78CA	78	86.7	95.8	1	126	23.8	2	SMD
SMDJ85A	SMDJ85CA	85	94.4	104	1	137	21.9	2	SMD
SMDJ90A	SMDJ90CA	90	100	111	1	146	20.5	2	SMD
SMDJ100A	SMDJ100CA	100	111	123	1	162	18.5	2	SMD
SMDJ110A	SMDJ110CA	110	122	135	1	177	16.9	2	SMD

Part No.	Vrrm	I(AV)	Ifsm	Vf @ If		Package
	(V)	(A)	(A)	(V)	(A)	
PSBD2XD20V005	20	0.05	0.25	0.35	0.05	DFN-0603-2L
PSBD2XD30V005	30	0.05	0.25	0.35	0.05	DFN-0603-2L
PSBD2XD40V005	40	0.05	0.5	0.28	0.05	DFN-0603-2L
PSBD2FD20V01	20	0.1	0.35	0.35	0.1	DFN-1006-2L
PSBD2FD30V01	30	0.1	0.35	0.35	0.1	DFN-1006-2L
PSBD2FD40V01	40	0.1	0.35	0.35	0.1	DFN-1006-2L
PSBD2FD40V02	40	0.2	0.8	0.42	0.1	DFN-1006-2L
PSBD2FD20V1H	20	1	6	0.3	0.1	DFN-1006-2L
PSBD2FD40V1HA	40	1	8	0.57	1	DFN-1006-2L
PSBD2ED20V1H	20	1	25	0.55	1	DFN-1608-2L
PSBD2ED40V1H	40	1	7	0.65	1	DFN-1608-2L
PSBD2ED40V2H	40	2	12	0.48	1	DFN-1608-2L
PSBD9D20V01	20	0.1	0.35	0.35	0.1	SOD-923
PSBD9D30V01	30	0.1	0.35	0.35	0.1	SOD-923
PSBD9D30V02	30	0.2	1	0.6	0.2	SOD-923
PSBD9D40V01	40	0.1	0.35	0.35	0.1	SOD-923
PSBD520S-30	30	0.2	1	0.6	0.2	SOD-523
PSBD520S-40	40	0.2	1	0.6	0.2	SOD-523
PSBD521S-30	30	0.2	1	0.5	0.2	SOD-523
PSBD521S-40	40	0.2	1	0.5	0.2	SOD-523
PSBD551V-30	30	0.5	2	0.47	0.5	SOD-323
PSBD551V-40	40	0.5	2	0.47	0.5	SOD-323
PSBD3D30V1H	30	1	25	0.5	1	SOD-323
PSBD3D40V03	40	0.35	2	0.55	0.2	SOD-323
PSBD3D40V1H	40	1	25	0.55	1	SOD-323
PSBD3DF40V2H	40	2	15	0.53	2	SOD-323(薄型)
PSBD3D60V1H	60	1	25	0.7	1	SOD-323
PBAT54T	30	0.2	1	0.46	0.2	SOT-523
PBAT54AT	30	0.2	1	0.46	0.2	SOT-523
PBAT54CT	30	0.2	1	0.46	0.2	SOT-523
PBAT54ST	30	0.2	1	0.46	0.2	SOT-523

Part No.	V _{rrm}	I(AV)	I _{fsm}	V _f @ I _f		Package
	(V)	(A)	(A)	(V)	(A)	
PBAT54	30	0.2	1	1	0.1	SOT-23
PBAT54A	30	0.2	1	1	0.1	SOT-23
PBAT54C	30	0.2	1	1	0.1	SOT-23
PBAT54S	30	0.2	1	1	0.1	SOT-23
PSBD1DF20V1H	20	1	40	0.55	1	SOD-123FL
PSBD1DF40V1H	40	1	40	0.55	1	SOD-123FL
PSBD1DF60V1H	60	1	40	0.7	1	SOD-123FL
PSBD1DF80V1H	80	1	40	0.7	1	SOD-123FL
PSBD1DF100V1H	100	1	30	0.85	1	SOD-123FL
PSBD1DF120V1H	120	1	30	0.85	1	SOD-123FL
PSBD1DF150V1H	150	1	30	0.9	1	SOD-123FL
PSBD1DF200V1H	200	1	30	0.9	1	SOD-123FL
PSBD1DF20V2H	20	2	50	0.55	2	SOD-123FL
PSBD1DF40V2H	40	2	50	0.55	2	SOD-123FL
PSBD1DF40V2L	40	2	50	0.35	2	SOD-123FL
PSBD1DF60V2H	60	2	50	0.7	2	SOD-123FL
PSBD1DF80V2H	80	2	50	0.7	2	SOD-123FL
PSBD1DF100V2H	100	2	40	0.85	2	SOD-123FL
PSBD1DF120V2H	120	2	40	0.85	2	SOD-123FL
PSBD1DF150V2H	150	2	40	0.9	2	SOD-123FL
PSBD1DF200V2H	200	2	40	0.9	2	SOD-123FL
PSBD1DF20V3H	20	3	80	0.55	3	SOD-123FL
PSBD1DF40V3H	40	3	80	0.55	3	SOD-123FL
PSBD1DF60V3H	60	3	80	0.7	3	SOD-123FL
PSBD1DF80V3H	80	3	80	0.7	3	SOD-123FL
PSBD1DF100V3H	100	3	70	0.85	3	SOD-123FL
PSBD1DF120V3H	120	3	70	0.85	3	SOD-123FL
PSBDAF45V5	45	5	150	0.45	5	SMAF
PSBDAF100V2	100	2	40	0.85	2	SMAF
PSBDBF40V2	40	2	55	0.55	2	SMBF
PSBDC100V3	100	3	80	0.85	3	SMC

Part No.	P _d (W)	V _{ZT}				I _{ZT} (mA)	Z _{ZT} (Ω) @I _{ZT}	Z _{ZK}		Package
		Min. (V)	Nom. (V)	Max. (V)	I _{ZK} (mA)					
	PZ2FD3V3H	0.25	3.14	3.3	3.47	5	85	600	1	
PZ2FD4V2H	0.25	-	5.1	-	5	55	500	0.5	DFN-1006-2L	
PZ2FD5V6H	0.25	-	5.6	-	5	40	500	0.5	DFN-1006-2L	
PZ2FD14VH	0.25	-	14	-	5	30	110	0.5	DFN-1006-2L	
PZ9D4V2H	0.26	-	5.1	-	5	40	200	1	SOD-923	
PZ9D5V6U	0.26	-	5.6	-	5	40	200	1	SOD-923	
PZ5D2V4U	0.2	2.2	2.4	2.6	5	100	1000	1	SOD-523	
PZ5D2V7U	0.2	2.5	2.7	2.9	5	100	1000	1	SOD-523	
PZ5D3V0U	0.2	2.8	3	3.2	5	100	1000	1	SOD-523	
PZ5D3V3U	0.2	3.1	3.3	3.5	5	95	1000	1	SOD-523	
PZ5D3V6U	0.2	3.4	3.6	3.8	5	90	1000	1	SOD-523	
PZ5D3V9U	0.2	3.7	3.9	4.1	5	90	1000	1	SOD-523	
PZ5D4V2H	0.5	-	5.1	-	5	100	500	0.5	SOD-523	
PZ5D4V3U	0.2	4	4.3	4.6	5	90	1000	1	SOD-523	
PZ5D4V7U	0.2	4.4	4.7	5	5	80	800	1	SOD-523	
PZ5D5V1U	0.2	4.8	5.1	5.4	5	60	500	1	SOD-523	
PZ5D6V2H	0.5	5.9	6.2	6.5	5	10	200	1	SOD-523	
PZ5D8V2H	0.5	7.8	8.2	8.6	5	15	80	1	SOD-523	
PZ3D2V0U	0.3	1.8	2	2.15	5	100	-	-	SOD-323	
PZ3D2V2U	0.3	2.08	2.2	2.33	5	100	-	-	SOD-323	
PZ3D2V4U	0.3	2.28	2.4	2.56	5	100	-	-	SOD-323	
PZ3D2V7U	0.3	2.5	2.7	2.9	5	110	-	-	SOD-323	
PZ3D3V0U	0.3	2.8	3	3.2	5	120	-	-	SOD-323	
PZ3D3V3U	0.3	3.1	3.3	3.5	5	130	-	-	SOD-323	
PZ3D3V6U	0.3	3.4	3.6	3.8	5	130	-	-	SOD-323	
PZ3D3V9U	0.3	3.7	3.9	4.1	5	130	-	-	SOD-323	
PZ3D4V2H	0.5	-	5.1	-	5	100	-	-	SOD-323	
PZ3D4V3U	0.3	4	4.3	4.6	5	130	-	-	SOD-323	
PZ3D4V7U	0.3	4.4	4.7	5	5	130	-	-	SOD-323	
PZ1D16VH	0.5	15.3	16	17.1	5	40	-	-	SOD-123	
PZ1D18VH	0.5	16.8	18	19.1	5	45	-	-	SOD-123	

Part No.	Transition frequency f_T (MHz)	DC Current Gain h_{FE}	Collector Current I_C (A)	Collector-Base Breakdown Voltage BV_{CBO} (V)	Emitter-Base Breakdown Voltage BV_{EBO} (V)	Collector-Emitter Saturation Voltage $V_{CE(sat)}$ (V)	Collector-Emitter Breakdown Voltage BV_{CEO} (V)	Package
PPT3FD503E0-2	100	200	-0.1	-50	-5	-0.2	-40	DFN-1006-3L
PNT3FD403E0-5	250	200	0.5	40	6	0.1	40	DFN-1006-3L
PPT3FD3906	250	100	-0.2	-60	-6	-0.25	-40	DFN-1006-3L
PNT3FD3904	300	100	0.2	60	6	0.3	40	DFN-1006-3L
PPT8N30E2	-	100	-3	-30	-5	-0.18	-30	DFN-3020-8L
PPT8N30E2H	-	150	-3	-48	-6	-0.18	-30	DFN-3020-8L
PT236T30E2	-	100	-3	-30	-5	-0.15	-30	SOT-23-6L
PT236T30E2H	-	100	-3.5	-30	-5	-0.15	-30	SOT-23-6L
PT236T30E2M	-	100	-3	-30	-5	-0.15	-30	SOT-23-6L
PPT89T30V5AE2M	120	100	-5	-20	-6	-0.3	-30	SOT-89-3L
PNT723T503E0-2	200	250	0.15	80	11	0.08	50	SOT-723
PNTET50V01	-	120	0.1	50	5	0.15	50	SOT-523
PNT523T503E0-2	200	250	0.15	80	11	0.08	50	SOT-523
PPT523T503E0-2	100	200	-0.1	-50	-5	-0.2	-40	SOT-523
PT23T5401	100	50	-0.6	-160	-5	-0.2	-150	SOT-23
PNT23T503E0-2	200	250	0.15	80	11	0.08	50	SOT-23
PT23T5551	-	80	0.6	180	6	0.2	160	SOT-23
PT23T8550	-	100	-0.8	-10	-6	-0.5	-25	SOT-23
2SC3356	7	130~180	0.1	20	2	-	12	SOT-23
PT23T8050	-	200	1.5	40	6	0.5	25	SOT-23
PT23T9014	150	100	0.1	50	5	0.3	45	SOT-23
PT23T9013	100	112	0.1	40	5	0.6	20	SOT-23
PT23T3906	100	100	-0.2	-60	-6	-0.4	-40	SOT-23
PT23T3904	300	100	0.2	60	6	0.3	40	SOT-23
PT23T2222A	300	100	0.6	75	6	0.3	40	SOT-23
PT23T2907A	200	100	-0.6	-60	-5	-0.4	-60	SOT-23
PNMT6N1A (NPN+PNP)	- 200	150 250	3 0.15	-40 80	-5 10	-0.14 0.08	-30 50	DFN-2020-6L DFN-2020-6L
PNMT6N2A (NPN+PNP)	- 200	150 250	3 0.15	-40 80	-5 10	-0.14 0.08	-30 50	DFN-2020-6L DFN-2020-6L

Digital Transistor (NPN)							
Part No.	Emitter base Resistance R2 (kΩ)	Input Resistance R1 (kΩ)	Collector Current (continuous) IC (A)	Collector Current IC (A)	Collector-Emitter Voltage Vce0 (V)	Supply Voltage Vcc (V)	Package
PDTC114YN	47	10	-	0.1	-	50	DFN-1006-3L
PDTC114EN	10	10	-	0.1	-	50	DFN-1006-3L
PDTC114TM	-	10	0.1	-	50	-	SOT-723
PDTC114YE	47	10	-	0.1	-	50	SOT-523
PDTC114TE	-	10	0.1	-	50	-	SOT-523
PDTC114EE	10	10	-	0.1	-	50	SOT-523
PDTC123JE	47	2.2	-	0.1	-	50	SOT-523
PDTC143ZM	47	4.7	-	0.1	-	50	SOT-723
PDTC143TM	-	4.7	-	0.1	-	50	SOT-723
PDTC143ZE	47	4.7	-	0.1	-	50	SOT-523
PDTC143EE	4.7	4.7	-	0.1	-	50	SOT-523
PDTC144EM	47	47	-	0.1	-	50	SOT-723
PDTC144EE	47	47	-	0.1	-	50	SOT-523

Digital Transistor (PNP)					
Part No.	Emitter Base Resistance R2 (kΩ)	Input Resistance R1 (kΩ)	Collector Current IC (A)	Supply Voltage Vcc (V)	Package
PDTA114EN	10	10	-0.1	-50	DFN-1006-2L
PDTA114YE	47	10	-0.1	-50	SOT-523
PDTA114EE	10	10	-0.1	-50	SOT-523
PDTA123JE	47	2.2	-0.1	-50	SOT-523
PDTA043ZM	47	4.7	-0.1	-50	SOT-723
PDTA143ZM	47	4.7	-0.1	-50	SOT-723

Dual-Digital Transistor (NPN+PNP)						
Part No.	Vi(off) (V)	Vi(on) (V)	Vo(off) (V)	Ii (mA)	Io(off) (uA)	Package
PDT6UT143Z	-0.5	-1.3	-0.1	-1.8	-0.5	SOT-363

Part No.	Configuration	Vds (V)	Vgs (±V)	Id (A)	Rds(on) / mΩ max			Vgs(th)(V)		Package
					10V	4.5V	2.5V	min	max	
PNM3FD201E0	Single-N	20	10	0.3	-	-	800	0.5	1.1	DFN-1006-3L
PNM3FD20V1E	Single-N	20	8	1	-	250	300	0.4	1	DFN-1006-3L
PNM3FD703E0-2	Single-N	40	20	0.18	7500	-	-	0.5	1.5	DFN-1006-3L
PNM6N20V10E	Single-N	20	12	10	-	7.5	9.5	0.25	1.25	DFN2020-6L
PNM6N30V6	Single-N	30	12	6	24	26	34	0.5	1.5	DFN2020-6L
PNM6N30V12	Single-N	30	20	12	12	15.5	-	1.2	2.5	DFN2020-6L
PNM8PN20V60	Single-N	20	12	60	-	4.7	7	0.5	1.1	PDFN-3333-8L
PNM8PN30V50	Single-N	30	20	50	5.7	9	-	1.5	2.5	PDFN-3333-8L
PNM8PN30V35	Single-N	30	20	35	7.2	11	-	1	2.2	PDFN-3333-8L
PNM8N30V60	Single-N	30	20	60	3.9	4.9	-	1	3	PDFN-5060-8L
PNM723T201E0	Single-N	20	8	1	-	200	250	0.5	1.1	SOT-723
PNM723T30V01	Single-N	30	20	0.1	3000	4000	7000	0.5	1.5	SOT-723
PNM723T703E0-2	Single-N	40	20	0.18	7500	-	-	0.5	1.5	SOT-723
PNM523T201E0	Single-N	20	12	1	-	500	700	0.5	1.1	SOT-523
PNMET20V06E	Single-N	20	8	0.6	-	350	550	0.5	0.85	SOT-523
PNM523T30V01	Single-N	30	20	0.1	3000	4000	7000	0.5	1.5	SOT-523
PNM523T703E0-2	Single-N	40	20	0.18	2000	3500	-	0.5	1.5	SOT-523
PNM523T60V02	Single-N	60	20	0.18	2000	3500	-	0.5	1.3	SOT-523
PNMUT20V06	Single-N	20	8	0.6	-	350	550	0.5	0.85	SOT-323
PNMT201E0	Single-N	20	8	0.3	-	500	700	0.5	1.1	SOT-23
PNMT20V3	Single-N	20	8	2.3	-	60	115	0.6	1.2	SOT-23
PNMT20V6	Single-N	20	8	5.5	-	28	37	0.5	1	SOT-23
PNMT30V6	Single-N	30	12	5.8	40	48	58	0.7	1.5	SOT-23
PNMT45V2	Single-N	45	12	2	130	150	-	0.5	1.5	SOT-23
PNMT60V02E	Single-N	60	20	0.18	7500	-	-	0.5	1.5	SOT-23
PNMT60V3	Single-N	60	20	2.6	110	140	-	0.7	2	SOT-23
PNM8P30V12	Single-N	30	20	12	18	24	-	1	2.5	SOP-8
PNM8P30V20	Single-N	30	20	23	3.2	4.9	-	1	3	SOP-8
PNM8P60V20	Single-N	60	20	20	5.3	6	-	1	2.5	SOP-8
PNM8P150V4	Single-N	150	20	4	60	-	-	2	4	SOP-8
PNMT6N1	N+BJT	40	20	0.18	-	4000	-	0.5	1.5	DFN-2020-6L
PNMT6N1-LB	N+BJT	40	20	0.18	-	4000	-	0.8	1.5	DFN-2020-6L
PNMT6N2	N+BJT	40	20	0.18	-	4000	-	0.6	1.5	DFN-2020-6L
PNMT6N1B	N+BJT	30	20	0.1	3000	4000	7000	0.5	1.5	DFN-2020-6L
PNMT6N1B-LB	N+BJT	30	20	0.1	3000	4000	7000	0.5	1.5	DFN-2020-6L
PNMT6N2B	N+BJT	30	20	0.1	3000	4000	7000	0.5	1.5	DFN-2020-6L
PNMT8N1	N+BJT	20	20	0.3	-	-	700	0.5	1.1	DFN-3020-8L

Part No.	Configuration	Vds (V)	Vgs (±V)	Id (A)	Rds(on) / mΩ max			Vgs(th)(V)		Package
					10V	4.5V	2.5V	min	max	
PPM3FD20V1E	Single-P	-20	10	-0.8	-	700	850	-0.45	-0.85	DFN-1006-3L
PPM3FD201E0	Single-P	-20	10	-0.3	-	-	1500	-0.5	-1.1	DFN-1006-3L
PPM6N12V5	Single-P	-12	10	-5	-	39	58	-0.45	-1	
PPM6N12V10	Single-P	-12	8	-10	-	17	24	-0.4	-1	DFN-2020-6L
PPM6N20V5	Single-P	-20	12	-5	-	39	58	-0.45	-1	DFN-2020-6L
PPM6N20V10	Single-P	-20	12	-10	-	17	25	-0.5	-1.5	DFN-2020-6L
PPM6N30V4	Single-P	-30	12	-4.2	53	65	86	-0.7	-1.3	DFN-2020-6L
PPM6N30V7	Single-P	-30	20	-7	28	54	-	-1.4	-2.5	DFN-2020-6L
PPM6N30V9	Single-P	-30	12	-9	-	21	28	-0.6	-1.5	DFN-2020-6L
PPM8PN30V25	Single-P	-30	20	-25	21	35	-	-1.0	-2.5	PDFN-3333-8L
PPM723T201E0	Single-P	-20	10	-0.8	-	1000	1500	-0.5	-1.1	SOT-723
PPM523T201E0	Single-P	-20	10	-0.8	-	1000	1500	-0.5	-1.1	SOT-523
PPMET20V08	Single-P	-20	8	-0.8	-	850	1200	-0.35	-1	SOT-523
PPMET20V08E	Single-P	-20	8	-0.8	-	850	1200	-0.35	-1	SOT-523
PPMUT20V3	Single-P	-20	8	-2.8	-	120	160	-0.45	-0.9	SOT-323
PPMT12V4	Single-P	-12	10	-4.3	-	45	60	-0.45	-1	SOT-23
PPMT20V3	Single-P	-20	8	-2.8	-	110	150	-0.45	-0.9	SOT-23
PPMT20V4E	Single-P	-20	10	-4	-	47	60	-0.4	-1	SOT-23
PPMT30V3	Single-P	-30	20	-3	70	95	-	-1	-3	SOT-23
PPMT30V4	Single-P	-30	12	-4.2	60	75	120	-0.7	-1.3	SOT-23
PPMT32V4	Single-P	-30	20	-4.3	60	90	-	-1	-3	SOT-23
PPMT50V02	Single-P	-50	20	-0.13	10000	-	-	-0.8	-2	SOT-23
PPM3T18V6	Single-P	-30	12	-6	-	17.5	22	-0.4	-1	SOT-23
PPM3T60V2	Single-P	-60	20	-2	180	200	-	-1	-3	SOT-23
PPM8P30V8	Single-P	-30	20	-8	25	40	-	-1	-3	SOP-8
PPM8P40V8	Single-P	-40	20	-8	16	21	-	-1.1	-2.5	SOP-8
PPMS6N20V3	P+SBD	-20	8	-2.8	-	110	150	-0.45	-0.9	DFN-2020-6L
		20	-	1	-	-	-	-	-	
PPMS8N20V3	P+SBD	-20	8	-2.8	-	110	150	-0.45	-0.9	DFN-3020-8L
		20	-	1	-	-	-	-	-	

Dual N-Channel MOSFET										
Part No.	Configuration	Vds (V)	Vgs (±V)	Id (A)	Rds(on) / mΩ max			Vgs(th)(V)		Package
					10V	4.5V	2.5V	min	max	
PDNM6N30V7	Dual-N	30	20	7.6	17	22	-	1.2	2.4	DFN-2020-6L
PDNM6N20V7E	Dual-N	20	10	7	-	20	25	0.45	0.95	DFN-2030-6L
PDNM6N20V10E	Dual-N	20	10	9.5	-	7.8	9.2	0.45	0.95	DFN-2030-6L
PDNM6N20V12E	Dual-N	20	12	12	-	8.5	11	0.45	12	DFN-2030-6L
PDNM8PN30V12	Dual-N	30	20	12	12	15.5	-	1.2	2.5	DFN-3333-8L
PDNM6ET20V05	Dual-N	20	8	0.5	-	340	-	0.65	1.5	SOT-563
PDNM6UT20V05	Dual-N	20	8	0.5	-	450	600	0.65	1.5	SOT-363
PDNM6T20V2E	Dual-N	20	8	2	-	45	60	0.5	1	SOT-23-6L
PDNM6T20V7E	Dual-N	20	12	7	-	20	24	0.5	1	SOT-23-6L
PDNM8P60V5	Dual-N	60	20	5	26	32	-	1.2	2.5	SOP-8
PDNM8TP20V6	Dual-N	20	12	6	-	19	27	0.45	1.2	TSSOP-8
PDNM8TP20V6E	Dual-N	20	12	6	-	24	30	0.5	1.5	TSSOP-8
PDNM8TP20V7E	Dual-N	20	12	7	-	20	24	0.5	1	TSSOP-8

Dual P-Channel MOSFET										
Part No.	Configuration	Vds (V)	Vgs (±V)	Id (A)	Rds(on) / mΩ max			Vgs(th)(V)		Package
					10V	4.5V	2.5V	min	max	
PDPM6N20V3	Dual-P	-20	12	-3	-	110	140	-0.4	-1	DFN-2020-6L
PDPM6UT20V1E	Dual-P	-20	10	-0.8	-	700	850	-0.45	-0.85	SOT-363
PDPM8P30V5	Dual-P	-30	20	-4.9	53	85	-	-1	-2	SOP-8

N+P Channel MOSFET										
Part No.	Configuration	Vds (V)	Vgs (±V)	Id (A)	Rds(on) / mΩ max			Vgs(th)(V)		Package
					10V	4.5V	2.5V	min	max	
PDM6ET20V08E	N+P	20	8	0.8	-	200	250	0.4	0.8	SOT-563
		-20	8	-0.8	-	450	620	-0.45	-0.85	
PDM6UT20V08E	N+P	20	8	0.6	-	500	700	0.5	1.1	SOT-363
		-20	8	-0.8	-	1200	1500	-0.5	-1.1	
PDM6T20V3	N+P	20	8	3	-	60	115	0.6	1.2	SOT-23-6L
		-20	8	-2.8	-	110	150	-0.45	-0.9	

Type	Part No.	V _{DRW} (V)	V _S (V)	V _T (V)	I _{DRM} (μ A)	C(pF)	Package
PEL Series ESD&Lighting	PELA5VB003LC	6	25	4	1	15	SMA
	PELB5VB003MC	6.2	25	4	1	25	SMB
	PELA5VB1	6	25	4	1	55	SMA
	PELB5VB1	6.2	25	4	1	120	SMB
	PELC5VB1	6	25	4	1	150	SMC
POV0080	POV0080SA	6	25	4	1	60	SMA
	POV0080SB	6	25	4	1	80	SMB
	POV0080SC	6	25	4	1	120	SMB
POV0300	POV0300SA	25	40	4	1	60	SMA
	POV0300SB	25	40	4	1	80	SMB
	POV0300SC	25	40	4	1	120	SMB
POV0640	POV0640SA	58	77	4	1	60	SMA
	POV0640SB	58	77	4	1	80	SMB
	POV0640SC	58	77	4	1	110	SMB
POV0720	POV0720SA	65	88	4	1	60	SMA
	POV0720SB	65	88	4	1	70	SMB
	POV0720SC	65	88	4	1	110	SMB
POV0900	POV0900SA	75	98	4	1	55	SMA
	POV0900SB	75	98	4	1	70	SMB
	POV0900SC	75	98	4	1	100	SMB
POV1100	POV1100SA	90	130	4	1	55	SMA
	POV1100SB	90	130	4	1	70	SMB
	POV1100SC	90	130	4	1	100	SMB
POV1300	POV1300SA	120	160	4	1	55	SMA
	POV1300SB	120	160	4	1	70	SMB
	POV1300SC	120	160	4	1	90	SMB
POV1500	POV1500SA	140	180	4	1	55	SMA
	POV1500SB	140	180	4	1	65	SMB
	POV1500SC	140	180	4	1	90	SMB
POV1800	POV1800SA	170	220	4	1	50	SMA
	POV1800SB	170	220	4	1	65	SMB
	POV1800SC	170	220	4	1	85	SMB
POV2300	POV2300SA	190	260	4	1	50	SMA
	POV2300SB	190	260	4	1	60	SMB
	POV2300SC	190	260	4	1	85	SMB
POV2600	POV2600SA	220	300	4	1	45	SMA
	POV2600SB	220	300	4	1	60	SMB
	POV2600SC	220	300	4	1	85	SMB
POV3100	POV3100SA	275	350	4	1	45	SMA
	POV3100SB	275	350	4	1	55	SMB
	POV3100SC	275	350	4	1	80	SMB
POV3500	POV3500SA	320	240	4	1	40	SMA
	POV3500SB	320	240	4	1	55	SMB
	POV3500SC	320	240	4	1	80	SMB

Rectifier Diode					
Part No.	V _f (V)	V _r (V)	I _f (A)	I _r (μ A)	Package
P1N4148WS	1	75	0.15	1	SOD-323
1N1D4148	1	75	0.15	0.5	SOD-123
P1N4148W	1	75	0.15	1	SOD-123FL
P1N4007W	1.1	1000	1	5	SOD-123FL
PS12MW	1	1000	1.2	5	SOD-123FL
PS15MW	1	1000	1.5	1	SOD-123FL
PS2MW	1.1	1000	2	5	SOD-123FL
PM7	1.1	1000	1	5	SMAF
PS1MF	1.1	1000	1	5	SMAF
PS2MF	1.1	1000	2	5	SMAF
PS3MF	1.2	1000	3	5	SMAF
PS1MBF	1.1	1000	1	5	SMBF
PS2MBF	1.1	1000	2	5	SMBF
PS3MBF	1.1	1000	3	5	SMBF

Bridge Device						
Part No.	V _{rrw} (V)	V _{rms} (V)	I _o (A)	I(μ A)	V _f (V)	Package
MB10S-L	1000	700	0.5	5	1.1	MBS
MB10S-M	1000	700	0.8	5	1.1	MBS
MB10S	1000	700	0.8	5	1.1	MBS
MB10S-10	1000	700	1.0	5	1.1	MBS
MB10S-12	1000	700	1.2	5	1.1	MBS
MB10F	1000	700	0.8	5	1.1	MBF
MB10F-10	1000	700	1.0	5	1.1	MBF
MB10F-12	1000	700	1.2	5	1.1	MBF
UM10B	1000	700	0.8	3	1.1	UMB
UM10B-10	1000	700	1.0	5	1.1	UMB
TB10S	1000	700	1.0	10	0.95	ABS
TB10S-12	1000	700	1.2	10	0.95	ABS
PMSB20M	1000	700	2.0	5	1.1	UMSB

Part No.	Vf(V)	Vr(V)	trr(ns)	If(A)	Ir(uA)	Package
PFR107W	1.3	1000	500	1	5	SOD-123FL
PRS2MW	1.3	1000	500	2	5	SOD-123FL
PUS1MW	1.7	1000	75	1	5	SOD-123FL
PUS2MW	1.7	1000	75	2	5	SOD-123FL
PES1JW	1.7	600	100	0.5	1	SOD-123FL
PES2JW	1.7	600	35	2	5	SOD-123FL
PRS1MF	1.3	1000	500	1	5	SMAF
PRS2MF	1.3	1000	500	2	5	SMAF
PRS3MF	1.3	1000	250	3	5	SMAF
PUS1MF	1.7	1000	75	1	5	SMAF
PUS2MF	1.7	1000	75	2	5	SMAF
PUS3MF	1.7	1000	100	3	5	SMAF
PES1JF	1.7	600	35	1	5	SMAF
PES2JF	1.7	600	35	2	5	SMAF
PES3JF	1.7	600	35	3	5	SMAF
PRS2MBF	1.3	1000	500	2	5	SMBF
PRS3MBF	1.3	1000	250	3	5	SMBF
PUS2MBF	1.6	1000	75	2	5	SMBF
PUS3MBF	1.6	1000	75	3	5	SMBF
PES2JBF	1.65	600	35	2	5	SMBF
PES3JBF	1.68	600	35	3	5	SMBF
PES5JBF	1.7	600	35	5	10	SMBF

EOS Selection For Vbat

Vrwm	Part No.	Package	Key Parameters				Vt(8/20us)
			Vbr (V)	Ir (uA)	Vc (V)	Ipp (A)	
4.5V	PESDHC2FD4V5B	DFN1006-2L	4.7	1	12	30	60
	PESDHC2FD4V5BH	DFN1006-2L	4.7	1	14	36	80
	PTVSHC2EN4V5U	DFN1610-2L	5~7	5	13	100	220
	PTVSHC2EN4V5B	DFN1610-2L	4.6~6.1	2	10	130	270
	PTVSHC3D4V5U	SOD-323	5~7	5	13.5	100	220
	PTVSHC3D4V5B	SOD-323	4.6	2	21	130	280
	PTVSHC3D4V5BH	SOD-323	4.6	2	17.5	160	330
	PTVSHC3N4V5B	DFN2020-3L	4.6	1	12	240	500
4.8V	PTVSHC2EN4V8U	DFN1610-2L	5.2~6.5	5	10.5	120	250
	PTVSHC3N4V8U	DFN2020-3L	5~7	6	14.5	220	450
5V	PESDHC2FD5VBH	DFN1006-2L	4.6~6.5	1	9.5	33	70
	PTVSHC2EN5VU	DFN1610-2L	6~8	1	12.5	130	280
	PTVSHC2EN5VB	DFN1610-2L	4.6~6.5	1	11	140	300
	PTVSHC3D5VU	SOD-323	6~8	1	14.5	100	220
	PTVSHC3N5VU	DFN2020-3L	5.8~8	3	18.5	300	600

EOS Selection For Vbus

Vrwm	Part No.	Package	Key Parameters				Vt(8/20us)
			Vbr (V)	Ir (uA)	Vc (V)	Ipp (A)	
7V	PESDHC2FD7VU	DFN1006-2L	8.1~9	1	16.5	15	40
	PESDHC2FD7VB	DFN1006-2L	7.2~12	1	21	14.5	45
	PTVSHC1DF7VB	SOD123FL	7.8	200	20	135	300
	PTVSHC1DF7VBH	SOD123FL	7.8	200	19	185	380
	PTVSHC1SF7VBH	SOD123FL (薄)	7.8	200	18	190	400
	PTVSHC3N7VU	DFN2020-3L	8~10	1	17	200	420
12V	PTVSHC1DF12VU	SOD123FL	13~15	2.5	27	145	300
	PTVSHC1SF12VBH	SOD123FL (薄)	13~15	1	25	160	350
	PTVSHC1TF12VUH	SOD123FL (薄)	13~15	1	29	220	450
	PTVSHC3N12VU	DFN2020-3L	14.5	1	25	185	400
15V	PTVSHC1DF15VU	SOD123FL	17	1	28	135	300
	PTVSHC1TF15VU	SOD123FL (薄)	16.5~19	1	30	250	500
	PTVSHC3N15VU	DFN2020-3L	16~19	1	29	130	300
	PTVSHC3N15VUH	DFN2020-3L	16~19	1	33.5	170	380
18V	PTVSHC3N18VU	DFN2020-3L	19	1	29	140	300
20V	PTVSHC3N20VU	DFN2020-3L	21	1	36	160	350
24V	PTVSHC1TF24VU	SOD123FL (薄)	26~30	1	32	180	400
	PTVSHC1SF24VBH	SOD123FL (薄)	25~29	1	30	185	420
	PTVSHC1TF24VBH	SOD123FL (薄)	26~30	1	35	185	420
	PTVSHC3N24VUP	DFN2020-3L	25~29	1	34	180	400
28V	PTVSHC1SF28VBH	SOD123FL (薄)	29~35	1	33	160	350

DFN Series	Package	SOD Series	Package	SOT/P Series	Package
DFN-0603-2L		SOD-923		SOT-723	
DFN-1006-2L		SOD-523		SOT-523	
DFN-1006-3L		SOD-323		SOT-363	
DFN-2020-3L		SOD-323F(薄) 厚度<0.8mm		SOT-89	
DFN-2020-6L		SOD123		SOT-23	
PDFN-3333-8L		SOD-123FL		SOT-23-6L	
PDFN-5060-8L		SOD-123FL(薄) 厚度<1.0mm		SOP-8	

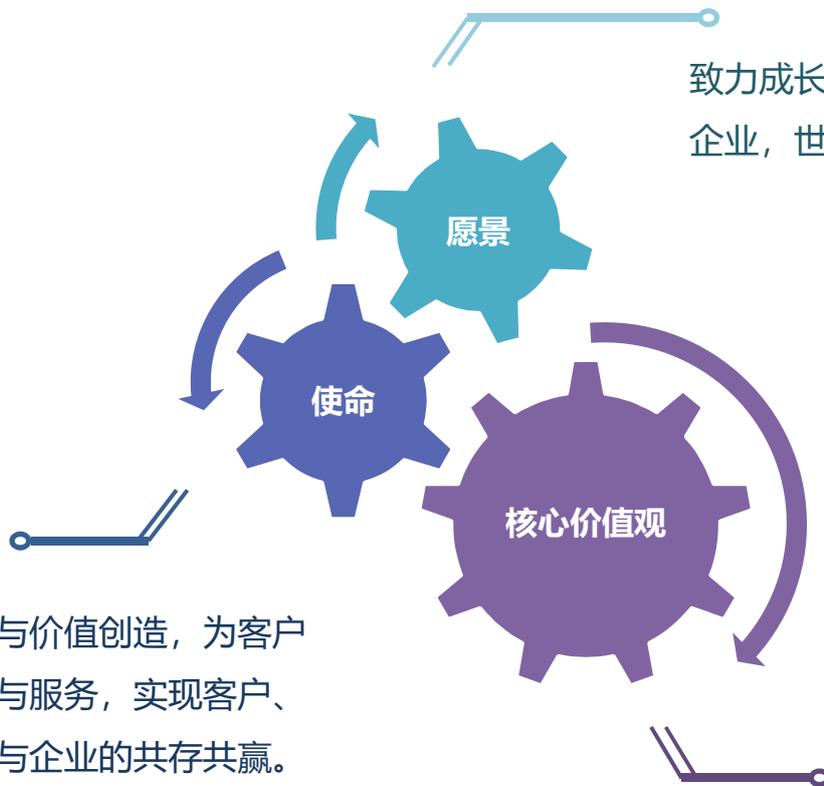
Package	Package	Package	Package	Package	Package
SMA		SMAF		MBS	
SMB		SMBF		MBF	
SMC		TSSOP-8		ABS	
DO-128AB		TO-251		TO-252	



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