






» Product lineup
Ansas Semiconductor

Suzhou ANSAS Semiconductor Co.,Ltd.

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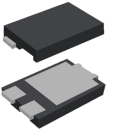
Low Forward Voltage Schottky Rectifiers

Item	Part Number	Family	V_{RRM} (V)	I_F (A)	I_F per leg(A)	Typ. V_F (V)	Typ. I_R (μ A)	I_{FSM} (A)	Max. T_J ($^{\circ}$ C)	Package
1	ST120H	TMBS	20	1	1	0.36	40	25	150	 SOD-323HS
2	ST140H	TMBS	40	1	1	0.37	40	25	150	
3	ST160H	TMBS	60	1	1	0.42	40	25	150	
4	ST1100H	TMBS	100	1	1	0.73	40	25	150	
5	ST230H	TMBS	30	2	2	0.43	40	25	150	
6	ST240H	TMBS	40	2	2	0.44	40	25	150	
7	ST260H	TMBS	60	2	2	0.55	40	25	150	
8	SP140S	PMCD	40	1	1	0.50	10	25	150	 SOD-123HS
9	ST140S	TMBS	40	1	1	0.37	40	25	150	
10	SP160S	PMCD	60	1	1	0.50	12	25	150	
11	ST160S	TMBS	60	1	1	0.42	40	25	150	
12	SP1100S	PMCD	100	1	1	0.73	5	30	150	
13	ST1100S	TMBS	100	1	1	0.73	10	35	150	
14	SP240S	PMCD	40	2	2	0.45	15	50	150	
15	ST240S	TMBS	40	2	2	0.39	40	35	150	
16	SP260S	PMCD	60	2	2	0.47	30	50	150	
17	ST260S	TMBS	60	2	2	0.45	40	35	150	
18	SP2100S	PMCD	100	2	2	0.72	10	35	150	
19	ST2100S	TMBS	100	2	2	0.60	20	50	150	
20	SP330S	PMCD	30	3	3	0.41	40	80	150	
21	SP345S	PMCD	45	3	3	0.42	25	80	150	
22	ST345S	TMBS	45	3	3	0.38	50	80	150	
23	SP360S	PMCD	60	3	3	0.46	32	60	150	
24	ST360S	TMBS	60	3	3	0.42	50	80	150	
25	ST3100S	TMBS	100	3	3	0.56	10	80	150	
26	ST3150S	TMBS	150	3	3	0.78	5	60	150	
27	ST3200S	TMBS	200	3	3	0.80	5	80	150	
28	ST2V60F	TMBS	60	2	2	0.53	30	30	150	 SOD-123FL
29	ST240AF	TMBS	40	2	2	0.38	40	35	150	 SMAF
30	ST345AF	TMBS	45	3	3	0.39	50	80	150	
31	ST360AF	TMBS	60	3	3	0.42	50	80	150	
32	ST3100AF	TMBS	100	3	3	0.56	15	80	150	
33	ST545AF	TMBS	45	5	5	0.45	40	80	150	
34	ST560AF	TMBS	60	5	5	0.50	35	80	150	
35	ST5100AF	TMBS	100	5	5	0.66	15	80	150	
36	ST2100A	TMBS	100	2	2	0.60	5	50	150	 SMA
37	ST340A	TMBS	40	3	3	0.37	45	80	150	
38	SP340A	PMCD	40	3	3	0.42	25	80	150	
39	SP345A	PMCD	45	3	3	0.43	25	80	150	
40	SP3H45A	PMCD	45	3	3	0.43	25	80	175	
41	SP360A	PMCD	60	3	3	0.45	40	80	150	
42	SP3100A	PMCD	100	3	3	-	-	-	-	

Low Forward Voltage Schottky Rectifiers

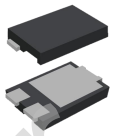
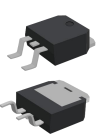
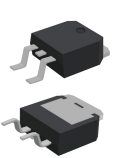
Item	Part Number	Family	V _{RRM} (V)	I _F (A)	I _F per leg(A)	Typ. V _F (V)	Typ. I _R (uA)	I _{FSM} (A)	Max. T _J (°C)	Package	
43	SP3150A	PMCD	150	3	3	0.79	1	110	150	 SMA	
44	ST3150A	TMBS	150	3	3	0.78	1	60	150		
45	SP3200A	PMCD	200	3	3	0.80	1	110	150		
46	SP3300A	PMCD	300	3	3	0.83	1	110	150		
47	SP340B	PMCD	40	3	3	0.42	30	80	150		
48	SP360B	PMCD	60	3	3	0.46	50	80	150	 SMB	
49	ST380B	TMBS	80	3	3	0.53	10	80	150		
50	ST3100B	TMBS	100	3	3	0.55	15	80	150		
51	ST3120B	TMBS	120	3	3	0.67	10	80	150		
52	SP3200B	PMCD	200	3	3	0.77	1	110	150		
53	SP3300B	PMCD	300	3	3	0.81	1	110	150		
54	SP3H300B	PMCD	300	3	3	0.80	1	110	175		
55	SP545B	PMCD	45	5	5	0.43	50	120	150		
56	SP5U45B	PMCD	45	5	5	0.39	60	160	150		
57	SP560B	PMCD	60	5	5	0.46	50	120	150		
58	ST580B	TMBS	80	5	5	0.50	15	120	150		
59	ST5100B	TMBS	100	5	5	0.56	15	120	150		
60	ST5V150B	TMBS	150	5	5	0.80	1	80	150		
61	ST5150B	TMBS	150	5	5	0.75	10	100	150		
62	SP5150B	PMCD	150	5	5	0.76	1	140	150		
63	ST5U150B	TMBS	150	5	5	0.73	10	120	150		
64	SP5200B	PMCD	200	5	5	0.78	1	140	150		
65	SP5300B	PMCD	300	5	5	0.82	1	140	150		
66	ST5100BF	TMBS	100	5	5	-	-	-	-		 SMBF
67	SP560C	PMCD	60	5	5	-	-	-	-		 SMC
68	ST5100C	TMBS	100	5	5	0.57	35	120	150		
69	SP5200C	PMCD	200	5	5	0.79	1	140	150		
70	SP1060C	PMCD	60	10	10	0.51	75	250	150		
71	SP1245D	PMCD	45	12	12	0.45	70	250	150	 DFN5*6	
72	SP2045D	PMCD	45	20	20	0.48	100	300	150		
73	ST2045D	TMBS	45	20	20	0.51	10	320	150		
74	SP2050D	PMCD	50	20	20	0.48	150	400	150		
75	ST2060D	TMBS	60	20	20	-	-	-	-		
76	ST20100D	TMBS	100	20	20	0.63	50	320	150	 TO-277B	
77	SP545L	PMCD	45	5	5	0.42	30	120	150		
78	SP560L	PMCD	60	5	5	0.47	30	120	150		
79	ST5100L	TMBS	100	5	5	0.56	15	120	150		
80	ST5150L	TMBS	150	5	5	0.74	12	120	150		
81	SP5200L	PMCD	200	5	5	0.78	1	140	150		
82	SP5300L	PMCD	300	5	5	0.89	5	100	150		
83	SP860L	PMCD	60	8	8	0.47	30	160	150		
84	SP8200L	PMCD	200	8	8	0.80	1	160	150		

Low Forward Voltage Schottky Rectifiers

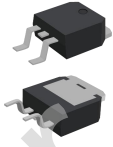


Item	Part Number	Family	V _{RRM} (V)	I _F (A)	I _F per leg(A)	Typ. V _F (V)	Typ. I _R (uA)	I _{FSM} (A)	Max. T _J (°C)	Package
85	SP10V45L	PMCD	45	10	10	0.45	60	160	150	 TO-277B
86	SP1045L	PMCD	45	10	10	0.42	80	250	150	
87	SP10W45L	PMCD	45	10	10	0.41	70	280	150	
88	ST1045L	TMBS	45	10	10	0.47	10	220	150	
89	SP10V50L	PMCD	50	10	10	0.49	70	160	150	
90	SP10V60L	PMCD	60	10	10	0.53	50	160	150	
91	SP1060L	PMCD	60	10	10	0.46	100	250	150	
92	ST10V80L	TMBS	80	10	10	0.60	20	160	150	
93	ST1080L	TMBS	80	10	10	0.54	30	220	150	
94	ST10W80L	TMBS	80	10	10	0.47	50	320	150	
95	ST10S100L	TMBS	100	10	10	0.68	15	120	150	
96	ST10V100L	TMBS	100	10	10	0.66	30	160	150	
97	ST10100L	TMBS	100	10	10	0.60	25	220	150	
98	ST10U100L	TMBS	100	10	10	0.55	30	250	150	
99	ST10120L	TMBS	120	10	10	0.73	35	220	150	
100	ST10150L	TMBS	150	10	10	0.76	10	220	150	
101	SP10200L	PMCD	200	10	10	0.82	1	160	150	
102	SP10300L	PMCD	300	10	10	0.89	1	160	150	
103	SP15V45L	PMCD	45	15	15	0.47	80	250	150	
104	SP1545L	PMCD	45	15	15	0.46	70	280	150	
105	SP15V50L	PMCD	50	15	15	0.52	80	160	150	
106	SP1550L	PMCD	50	15	15	0.46	150	280	150	
107	SP15V60L	PMCD	60	15	15	0.57	80	250	150	
108	SP1560L	PMCD	60	15	15	0.48	150	280	150	
109	ST1560L	TMBS	60	15	15	0.50	20	280	150	
110	ST1580L	TMBS	80	15	15	0.54	30	270	150	
111	ST15V100L	TMBS	100	15	15	0.67	25	220	150	
112	ST15100L	TMBS	100	15	15	0.62	30	250	150	
113	ST15120L	TMBS	120	15	15	0.75	20	250	150	
114	ST15V150L	TMBS	150	15	15	0.80	10	220	150	
115	ST15150L	TMBS	150	15	15	0.78	10	250	150	
116	ST15200L	TMBS	200	15	15	0.82	10	250	150	
117	SP2045L	PMCD	45	20	20	0.45	100	300	150	
118	ST2045L	TMBS	45	20	20	0.50	20	285	150	
119	ST20U45L	TMBS	45	20	20	0.47	35	400	150	
120	SP20S50L	PMCD	50	20	20	0.52	90	250	150	
121	SP2050L	PMCD	50	20	20	0.48	90	300	150	
122	ST2050L	TMBS	50	20	20	0.50	25	285	150	
123	SP2060L	PMCD	60	20	20	0.52	100	300	150	
124	ST2060L	TMBS	60	20	20	0.53	15	280	150	
125	ST20V80L	TMBS	80	20	20	0.65	20	220	150	
126	ST20M80L	TMBS	80	20	20	0.57	30	280	150	
127	ST2080L	TMBS	80	20	20	0.56	50	320	150	
128	ST20100L	TMBS	100	20	20	0.61	50	320	150	



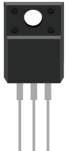
Low Forward Voltage Schottky Rectifiers

Item	Part Number	Family	V _{RRM} (V)	I _F (A)	I _F per leg(A)	Typ. V _F (V)	Typ. I _R (uA)	I _{FSM} (A)	Max. T _J (°C)	Package	
129	ST20120L	TMBS	120	20	20	0.74	15	320	150	 TO-277B	
130	ST20150L	TMBS	150	20	20	0.77	10	320	150		
131	SP20300L	PMCD	300	20	20	0.93	1	250	150		
132	ST3045L	TMBS	45	30	30	0.51	35	400	150		
133	ST3060L	TMBS	60	30	30	0.54	35	400	150		
134	SP1045TB	PMCD	45	10	10	0.46	50	150	150		
135	SP1060TB	PMCD	60	10	10	0.49	100	180	150	 TO-252	
136	ST10150TB	TMBS	150	10	5	0.82	1	80	150		
137	SP10200TB	PMCD	200	10	5	0.82	1	110	150		
138	SP10300TB	PMCD	300	10	10	0.85	1	180	150		
139	SP10300TB-D	PMCD	300	10	5	0.88	1	110	150		
140	SP15200TB	PMCD	200	15	7.5	0.82	1	120	150		
141	SP2045TB	PMCD	45	20	20	0.53	75	280	150		
142	SP2060TB	PMCD	60	20	20	0.57	100	280	150		
143	ST20100TB	TMBS	100	20	10	0.66	30	150	150		
144	ST20150TB	TMBS	150	20	10	0.80	10	150	150		
145	ST20H150TB	TMBS	150	20	10	0.80	10	150	175		
146	ST3045TB	TMBS	45	30	30	0.70	10	320	150		
147	ST10100TA	TMBS	100	10	5	0.74	20	80	150		 TO-263AB
148	ST10U100TA	TMBS	100	10	5	0.56	20	150	150		
149	ST10150TA	TMBS	150	10	5	0.81	1	80	150		
150	SP10200TA	PMCD	200	10	5	0.83	1	110	150		
151	SP10300TA	PMCD	300	10	5	0.89	1	100	150		
152	ST15100TA	TMBS	100	15	15	0.71	30	150	150		
153	ST15120TA	TMBS	120	15	15	0.88	30	220	150		
154	ST15150TA	TMBS	150	15	15	0.88	5	220	150		
155	SP15200TA	PMCD	200	15	15	0.81	1	120	150		
156	SP15300TA	PMCD	300	15	7.5	0.89	1	120	150		
157	SP2045TA	PMCD	45	20	10	0.47	50	150	150		
158	SP2060TA	PMCD	60	20	10	0.51	90	180	150		
159	ST20V100TA	TMBS	100	20	10	0.69	20	120	150		
160	ST20100TA	TMBS	100	20	10	0.66	20	150	150		
161	ST20H100TA	TMBS	100	20	10	0.67	1	160	175		
162	ST20120TA	TMBS	120	20	-	-	-	-	-		
163	SP20200TA	PMCD	200	20	10	0.81	40	180	150		
164	SP20300TA	PMCD	300	20	10	0.85	1	180	150		
165	SP3045TA	PMCD	45	30	15	0.49	60	250	150		
166	SP3060TA	PMCD	60	30	15	0.53	80	250	150		
167	ST30100TA	TMBS	100	30	15	0.66	20	150	150		
168	ST30150TA	TMBS	150	30	15	0.82	5	220	150		
169	SP30300TA	PMCD	300	30	15	0.90	1	250	150		
170	SP40U30TA	PMCD	30	40	20	0.43	150	300	150		
171	ST4045TA	TMBS	45	40	40	0.59	15	400	150		
172	SP4045TA	PMCD	45	40	20	0.50	70	280	150		



Low Forward Voltage Schottky Rectifiers

Item	Part Number	Family	V _{RRM} (V)	I _F (A)	I _F per leg(A)	Typ. V _F (V)	Typ. I _R (uA)	I _{FSM} (A)	Max. T _J (°C)	Package
173	SP6045TA	PMCD	45	60	30	0.51	100	400	150	 TO-263AB
174	ST40100TA	TMBS	100	40	20	0.73	40	250	150	
175	ST40U100TA	TMBS	100	40	20	0.67	60	320	150	
176	ST40U120TA	TMBS	120	40	20	-	-	-	-	
177	ST60100TA	TMBS	100	60	30	0.70	40	320	150	 DO-15
178	SP240GP	PMCD	40	2	2	0.44	20	50	150	
179	ST240GP	TMBS	40	2	2	0.36	100	40	150	
180	ST2100GP	TMBS	100	2	2	0.61	10	50	150	
181	SP340	PMCD	40	3	3	0.41	35	80	150	 DO-201AD
182	ST3100	TMBS	100	3	3	0.55	15	80	150	
183	ST3120	TMBS	120	3	3	0.67	10	80	150	
184	SP3200	PMCD	200	3	3	0.79	1	110	150	
185	SP3300	PMCD	300	3	3	0.82	1	110	150	
186	SP3H300	PMCD	300	3	3	0.80	1	110	150	
187	SP540	PMCD	40	5	5	0.43	35	120	150	
188	SP560	PMCD	60	5	5	0.47	50	120	150	
189	ST5U80	TMBS	80	5	5	0.51	10	120	150	
190	ST5V100	TMBS	100	5	5	0.73	30	80	150	
191	ST5100	TMBS	100	5	5	0.65	10	100	150	
192	ST5M100	TMBS	100	5	5	0.57	10	115	150	
193	ST5U100	TMBS	100	5	5	0.56	15	120	150	
194	ST5U120	TMBS	120	5	5	0.67	10	120	150	
195	ST5V150	TMBS	150	5	5	0.79	2	80	150	
196	ST5150	TMBS	150	5	5	0.76	10	100	150	
197	ST5U150	TMBS	150	5	5	0.74	10	120	150	
198	SP5200	PMCD	200	5	5	0.78	1	120	150	
199	ST5200	TMBS	200	5	5	0.80	10	100	150	
200	ST5U200	TMBS	200	5	5	0.77	5	120	150	
201	ST5UH200	TMBS	200	5	5	0.78	5	120	175	
202	SP5300	PMCD	300	5	5	0.82	1	140	150	
203	ST6100	TMBS	100	6	6	0.60	10	100	150	
204	ST6U100	TMBS	100	6	6	0.58	10	120	150	
205	SP1045	PMCD	45	10	10	0.43	50	250	150	
206	SP1060	PMCD	60	10	10	0.49	100	250	150	
207	ST10V100	TMBS	100	10	10	0.65	10	160	150	
208	ST10100	TMBS	100	10	10	0.57	25	220	150	
209	ST10120	TMBS	120	10	10	0.71	20	220	150	
210	SP10200	PMCD	200	10	10	0.82	1	180	150	
211	SP10300	PMCD	300	10	10	0.92	1	140	150	
212	SP1545	PMCD	45	15	15	0.44	120	280	150	
213	ST1560	TMBS	60	15	15	0.54	10	280	150	
214	SP1560	PMCD	60	15	15	0.48	150	280	150	
215	ST1580	TMBS	80	15	15	0.55	35	250	150	
216	ST15100	TMBS	100	15	15	0.62	30	250	150	
217	ST15200	TMBS	200	15	15	0.92	10	250	150	

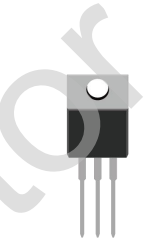
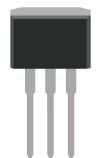
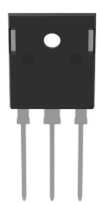
Low Forward Voltage Schottky Rectifiers

Item	Part Number	Family	V _{RRM} (V)	I _F (A)	I _F per leg(A)	Typ. V _F (V)	Typ. I _R (μ A)	I _{FSM} (A)	Max. T _J ($^{\circ}$ C)	Package
218	SP1045FCT	PMCD	45	10	10	0.48	50	150	150	 ITO-220AB
219	SP1060FCT	PMCD	60	10	10	0.60	50	150	150	
220	ST10100FCT	TMBS	100	10	5	0.68	10	80	150	
221	ST10U100FCT	TMBS	100	10	5	0.58	30	150	150	
222	ST10U100FCT-S	TMBS	100	10	10	0.65	15	150	150	
223	ST10150FCT	TMBS	150	10	5	0.82	1	80	150	
224	SP10200FCT	PMCD	200	10	5	0.83	1	110	150	
225	SP10300FCT	PMCD	300	10	5	0.89	1	100	150	
226	ST15100FCT	TMBS	100	15	15	0.71	30	150	150	
227	ST15120FCT	TMBS	120	15	15	0.88	30	220	150	
228	ST15150FCT	TMBS	150	15	15	0.88	5	220	150	
229	SP15200FCT	PMCD	200	15	7.5	0.83	1	120	150	
230	SP15300FCT	PMCD	300	15	7.5	0.89	1	120	150	
231	SP2045FCT	PMCD	45	20	10	0.47	50	150	150	
232	SP2060FCT	PMCD	60	20	10	0.51	90	180	150	
233	ST20V100FCT	TMBS	100	20	10	0.68	25	120	150	
234	ST20100FCT	TMBS	100	20	10	0.66	30	150	150	
235	ST20H100FCT	TMBS	100	20	10	0.82	1	160	175	
236	ST20120FCT	TMBS	120	20	-	-	-	-	-	
237	ST20150FCT	TMBS	150	20	10	0.80	10	150	150	
238	SP20200FCT	PMCD	200	20	10	0.81	40	180	150	
239	ST20H200FCT	TMBS	200	20	10	0.82	1	160	175	
240	SP20V300FCT	PMCD	300	20	10	0.92	1	120	150	
241	SP20300FCT	PMCD	300	20	10	0.85	1	180	150	
242	SP3045FCT	PMCD	45	30	15	0.49	60	250	150	
243	SP3060FCT	PMCD	60	30	15	0.53	80	250	150	
244	SP3080FCT	PMCD	80	30	15	0.68	80	250	150	
245	ST30100FCT	TMBS	100	30	15	0.66	25	150	150	
246	ST30120FCT	TMBS	120	30	15	0.86	10	220	150	
247	ST30H120FCT	TMBS	120	30	15	0.79	1	220	175	
248	ST30U120FCT	TMBS	120	30	15	0.69	15	320	150	
249	ST30150FCT	TMBS	150	30	15	0.82	10	220	150	
250	ST30H150FCT	TMBS	150	30	15	0.81	1	220	175	
251	ST30H200FCT	TMBS	200	30	15	0.84	1	220	175	
252	SP30300FCT	PMCD	300	30	15	0.90	1	250	150	
253	SP4045FCT	PMCD	45	40	20	0.50	70	280	150	
254	SP40U45FCT	PMCD	45	40	20	0.49	70	300	150	
255	SP4060FCT	PMCD	60	40	20	0.56	100	300	150	
256	ST40100FCT	TMBS	100	40	20	0.72	20	250	150	
257	ST40U100FCT	TMBS	100	40	20	0.63	30	320	150	
258	ST40V120FCT	TMBS	120	40	20	0.82	20	250	150	
259	ST40120FCT	TMBS	120	40	20	0.77	25	320	150	
260	ST40U120FCT	TMBS	120	40	20	-	-	-	-	
261	ST40150FCT	TMBS	150	40	20	0.85	10	250	150	
262	ST40H200FCT	TMBS	200	40	20	0.85	1	250	175	

Low Forward Voltage Schottky Rectifiers

Item	Part Number	Family	V _{RRM} (V)	I _F (A)	I _F per leg(A)	Typ. V _F (V)	Typ. I _R (uA)	I _{FSM} (A)	Max. T _J (°C)	Package
263	SP40300FCT	PMCD	300	40	20	0.90	1	280	150	 ITO-220AB
264	SP40U300FCT	PMCD	300	40	20	0.88	1	320	150	
265	SP6045FCT	PMCD	45	60	30	0.51	100	400	150	
266	ST60100FCT	TMBS	100	60	30	0.70	30	320	150	
267	ST60U100FCT	TMBS	100	60	30	0.68	25	400	150	
268	ST60200FCT	TMBS	200	60	30	1.00	10	320	150	
269	ST60H200FCT	TMBS	200	60	30	0.85	1	320	175	
270	SP1045CT	PMCD	45	10	10	0.48	50	150	150	
271	SP1060CT	PMCD	60	10	10	0.60	50	150	150	
272	ST10100CT	TMBS	100	10	5	0.68	10	80	150	
273	ST10U100CT	TMBS	100	10	5	0.58	30	150	150	
274	ST10U100CT-S	TMBS	100	10	10	0.65	15	150	150	
275	ST10150CT	TMBS	150	10	5	0.82	1	80	150	
276	SP10200CT	PMCD	200	10	5	0.83	1	110	150	
277	SP10300CT	PMCD	300	10	5	0.89	1	100	150	
278	ST15100CT	TMBS	100	15	15	0.71	30	150	150	
279	ST15120CT	TMBS	120	15	15	0.88	30	220	150	
280	ST15150CT	TMBS	150	15	15	0.88	5	220	150	
281	SP15200CT	PMCD	200	15	7.5	0.83	1	120	150	
282	SP15300CT	PMCD	300	15	7.5	0.89	1	120	150	
283	SP2045CT	PMCD	45	20	10	0.47	50	150	150	
284	SP2060CT	PMCD	60	20	10	0.51	90	180	150	
285	ST20V100CT	TMBS	100	20	10	0.68	25	120	150	
286	ST20100CT	TMBS	100	20	10	0.66	30	150	150	
287	ST20H100CT	TMBS	100	20	10	0.82	1	160	175	
288	ST20120CT	TMBS	120	20	-	-	-	-	-	
289	ST20150CT	TMBS	150	20	10	0.80	10	150	150	
290	SP20200CT	PMCD	200	20	10	0.81	40	180	150	
291	ST20H200CT	TMBS	200	20	10	0.82	1	160	175	
292	SP20V300CT	PMCD	300	20	10	0.92	1	120	150	
293	SP20300CT	PMCD	300	20	10	0.85	1	180	150	
294	SP3045CT	PMCD	45	30	15	0.49	60	250	150	
295	SP3060CT	PMCD	60	30	15	0.53	80	250	150	
296	SP3080CT	PMCD	80	30	15	0.68	80	250	150	
297	ST30100CT	TMBS	100	30	15	0.66	25	150	150	
298	ST30120CT	TMBS	120	30	15	0.86	10	220	150	
299	ST30H120CT	TMBS	120	30	15	0.79	1	220	175	
300	ST30U120CT	TMBS	120	30	15	0.69	15	320	150	
301	ST30150CT	TMBS	150	30	15	0.82	10	220	150	
302	ST30H150CT	TMBS	150	30	15	0.81	1	220	175	
303	ST30H200CT	TMBS	200	30	15	0.84	1	220	175	
304	SP30300CT	PMCD	300	30	15	0.90	1	250	150	
305	SP4045CT	PMCD	45	40	20	0.50	70	280	150	
306	SP40U45CT	PMCD	45	40	20	0.49	70	300	150	 TO-220AB




Low Forward Voltage Schottky Rectifiers

Item	Part Number	Family	V _{RRM} (V)	I _F (A)	I _F per leg(A)	Typ. V _F (V)	Typ. I _R (μ A)	I _{FSM} (A)	Max. T _J ($^{\circ}$ C)	Package
307	SP4060CT	PMCD	60	40	20	0.56	100	300	150	 TO-220AB
308	ST40100CT	TMBS	100	40	20	0.72	20	250	150	
309	ST40U100CT	TMBS	100	40	20	0.63	30	320	150	
310	ST40V120CT	TMBS	120	40	20	0.82	20	250	150	
311	ST40120CT	TMBS	120	40	20	0.77	25	320	150	
312	ST40U120CT	TMBS	120	40	20	-	-	-	-	
313	ST40150CT	TMBS	150	40	20	0.85	10	250	150	
314	ST40H200CT	TMBS	200	40	20	0.85	1	250	175	
315	SP40300CT	PMCD	300	40	20	0.90	1	280	150	
316	SP40U300CT	PMCD	300	40	20	0.88	1	320	150	
317	SP6045CT	PMCD	45	60	30	0.51	100	400	150	
318	ST60100CT	TMBS	100	60	30	0.70	30	320	150	
319	ST60U100CT	TMBS	100	60	30	0.68	25	400	150	
320	ST60200CT	TMBS	200	60	30	1.00	10	320	150	
321	ST60H200CT	TMBS	200	60	30	0.85	1	320	175	
322	ST30100CTL	TMBS	100	30	15	0.66	35	200	150	 TO-262L
323	SP20200PT	PMCD	200	20	10	-	-	-	-	 TO-247
324	ST30U150PT	TMBS	150	30	15	0.79	10	250	150	
325	SP40U45PT	PMCD	45	40	20	0.48	100	300	150	
326	ST40100PT	TMBS	100	40	20	0.71	20	250	150	
327	SP6045PT	PMCD	45	60	30	0.50	100	400	150	
328	SP6060PT	PMCD	60	60	30	0.58	100	400	150	
329	ST60100PT	TMBS	100	60	30	0.72	25	320	150	
330	ST60150PT	TMBS	150	60	30	0.83	10	320	150	
331	SP60200PT	PMCD	200	60						
332	SP60300PT	PMCD	300	60	30	0.95	1	400	150	
333	ST8045PT	TMBS	45	80	40	0.55	25	400	150	

Silicon Carbide Diodes

Item	Part Number	V_{RRM} (V)	I_F (A)	Typ. Q_R (nC)	Typ. V_F (V)	Max. I_R (μ A)	Max. T_J ($^{\circ}$ C)	Package
1	SC02650Q	650	2	4.8	1.40	2	175	 DFN3*3
2	SC04650D	650	4	9.5	1.50	1	175	 DFN5*6
3	SC06650D	650	6	19	1.35	5	175	
4	SC08650D	650	8	30	1.35	5	175	
5	SC04650TB	650	4	9.5	1.50	1	175	
6	SC04650COI	650	4	9.5	1.50	1	175	 TO-220AC
7	SC06650COI	650	6	19	1.35	5	175	
8	SC08650COI	650	8	20.25	1.35	20	175	
9	SC10650COI	650	10	35	1.40	5	175	
10	SC20650COI	650	20	53	1.50	2	175	
11	SC20650P	650	20	53	1.50	2	175	
12	SC30650P	650	30	85	1.45	2	175	
13	SC201200P	1200	20	95	1.50	2	175	
14	SC12650PT	650	6*2	17	1.45	2	175	 TO-247
15	SC16650PT	650	8*2	26	1.50	1	175	
16	SC20650PT	650	10*2	28	1.40	2	175	
17	SC60650PT	650	30*2	85	1.45	2	175	
18	SC101200PT	1200	5*2	24	1.50	2	175	
19	SC161200PT	1200	8*2	50	1.40	2	175	
20	SC201200PT	1200	10*2	50	1.50	2	175	
21	SC301200PT	1200	15*2	78	1.50	10	175	
22	SC401200PT	1200	20*2	95	1.50	10	175	
23	SC20650PSI	650	10*2	28	1.40	2	175	
24	SC201200PSI	1200	10*2	50	1.50	2	175	
25	SC301200PSI	1200	15*2	78	1.50	10	175	




Current Regulative Diode

Item	Part Number	I_P (mA)		V_K (V)	V_B (V)	Max. T_J (°C)	Package
		Min.	Max.	Max.	Min.		
1	AC15D190V	12	18	3.2	190	150	 SOD-123FS
2	AC20D190V	16	24	3.5	190	150	
3	AC30D190V	27	33	4.8	190	150	
4	AC40D190V	36	44	6	190	150	
5	AD15D150V	12	18	1.2	150	150	
6	AD20D150V	16	24	1.4	150	150	
7	AD25D150V	22.5	27.5	1.5	150	150	
8	AD30D150V	27	33	1.5	150	150	
9	AD40D150V	36	44	1.5	150	150	
10	AC15D190F	12	18	3.2	190	150	 SOD-123FL
11	AC20D190F	16	24	3.5	190	150	
12	AC30D190F	27	33	4.8	190	150	
13	AC40D190F	36	44	6	190	150	
14	AD15D150F	12	18	1.2	150	150	
15	AD20D150F	16	24	1.4	150	150	
16	AD25D150F	22.5	27.5	1.5	150	150	
17	AD30D150F	27	33	1.5	150	150	
18	AD40D150F	36	44	1.5	150	150	
19	AC15D190B	12	18	3.2	190	150	 SMB
20	AC20D190B	16	24	3.5	190	150	
21	AC30D190B	27	33	4.8	190	150	
22	AC40D190B	36	44	6	190	150	
23	AC60D190B	54	66	7	190	150	
24	AC80D190B	72	88	8	190	150	
25	AD15D150B	12	18	1.2	150	150	
26	AD20D150B	16	24	1.4	150	150	
27	AD30D150B	27	33	1.5	150	150	
28	AD40D150B	36	44	1.5	150	150	
29	AD60D150B	54	66	1.8	150	150	
30	AD80D150B	72	88	1.8	150	150	

Fast Recovery Epitaxial Rectifiers

Item	Part Number	V _{RRM} (V)	I _F (A)	Typ. V _F (V)	Typ. I _R (μ A)	I _{FSM} (A)	Max. T _J ($^{\circ}$ C)	T _{RR} (ns)	Package
1	SE1JHS	600	1	1.4	0.02	18	175	30	 SOD-123HS
2	SE540L	400	5	1.05	0.02	80	175	35	 TO-277B
3	SE840L	400	8	1.15	0.02	80	175	35	
4	SE860L	600	8	1.2	0.02	80	175	35	
5	SE2040FCT	400	20	1.25	0.5	150	175	35	
6	SE1660FCT	600	16	1.2	0.02	80	175	35	 ITO-220AB
7	SE2060FCT	600	20	1.69	0.5	175	150	35	
8	SE3060FCT	600	30	1.87	0.5	180	150	35	
9	SE4060FCT	600	40	2	0.5	180	150	35	
10	SE6060FCT	600	60	2.8	2	300	150	50	
11	SE2040CT	400	20	1.25	0.5	150	175	35	 TO-220AB
12	SE1660CT	600	16	1.2	0.02	80	175	35	
13	SE2060CT	600	20	1.69	0.5	175	150	35	
14	SE3060CT	600	30	1.87	0.5	180	150	35	
15	SE4060CT	600	40	2	0.5	180	150	35	
16	SE6060CT	600	60	2.8	2	300	150	50	
17	SE540CO	400	5	1.25	0.02	80	175	35	 TO-220AC
18	SE840CO	400	8	1.15	0.02	80	175	35	
19	SE860CO	600	8	1.2	0.02	80	175	35	
20	SE2040PT	400	20	1.25	0.05	150	175	35	 TO-247
21	SE2060PT	600	20	1.69	0.5	150	150	35	
22	SE3060PT	600	30	1.87	0.5	180	150	35	
23	SE4060PT	600	40	2	0.5	180	150	35	
24	SE6060PT	600	60	2.8	2	300	150	50	
25	SE40120P	1200	40	3	1	380	175	35	 TO-247-2L
26	SE60120P	1200	60	2.8	1	450	175	80	

Standard Schottky Rectifiers

Item	Part Number	V_{RRM} (V)	I_F (A)	Max. V_F (V)	Max. I_R (μ A)	Max. T_J ($^{\circ}$ C)	Package
1	MBR140H	40	1	0.50	20	150	 SOD-323HS
2	SS14F	40	1	0.55	100	125	 SOD-123FL
3	SS16F	60	1	0.70	100	150	
4	SS110F	100	1	0.85	10	150	
5	SS115F	150	1	0.95	10	150	
6	SS24F	40	2	0.55	200	125	
7	SS26F	60	2	0.70	200	150	
8	SS210F	100	2	0.85	20	150	
9	SS215F	150	2	0.95	10	150	
10	SS220F	200	2	0.95	10	150	
11	SS14	40	1	0.55	200	125	
12	SS16	60	1	0.75	200	150	
13	SS110	100	1	0.80	100	150	
14	SS115	150	1	0.95	100	150	
15	SS120	200	1	0.95	100	150	
16	SS12	20	1	0.55	200	125	
17	SS22A	20	2	0.55	500	125	
18	SS24A	40	2	0.55	500	125	
19	SS26A	60	2	0.70	500	150	
20	SS210A	100	2	0.85	100	150	
21	SS215A	150	2	0.95	100	150	
22	SS220A	200	2	0.95	100	150	
23	SS32A	20	3	0.55	500	150	
24	SS34A	40	3	0.55	500	125	
25	SS36A	60	3	0.72	500	150	
26	SS310A	100	3	0.85	500	150	
27	SS315A	150	3	0.95	500	150	
28	SS320A	200	3	0.95	500	150	
29	SS3H20A	200	3	-	-	-	
30	SS52A	20	5	0.55	200	150	
31	SS54A	40	5	0.55	500	150	
32	SS56A	60	5	0.75	500	150	
33	SS510A	100	5	0.80	100	150	
34	SS515A	150	5	0.95	100	150	
35	SS520A	200	5	0.95	100	150	
36	SS22	20	2	0.55	500	125	 SMB
37	SS24	40	2	0.55	500	125	
38	SS26	60	2	0.70	500	150	
39	SS210	100	2	0.85	100	150	
40	SS215	150	2	0.95	100	150	
41	SS220	200	2	0.95	100	150	
42	SS32B	20	2	0.55	500	125	
43	SS34B	40	3	0.55	500	125	







Standard Schottky Rectifiers

Item	Part Number	V_{RRM} (V)	I_F (A)	Max. V_F (V)	Max. I_R (μ A)	Max. T_J ($^{\circ}$ C)	Package	
44	SS36B	60	3	0.75	500	150	 SMB	
45	SS310B	100	3	0.85	100	150		
46	SS315B	150	3	0.95	100	150		
47	SS320B	200	3	0.95	100	150		
48	SS52B	20	5	0.55	500	150		
49	SS54B	40	5	0.55	500	150		
50	SS56B	60	5	0.75	500	150		
51	SS510B	100	5	0.85	100	150		
52	SS515B	150	5	0.95	100	150		
53	SS520B	200	5	0.95	100	150		
54	SS32	20	3	0.55	500	125		 SMC
55	SS34	40	3	0.55	500	125		
56	SS36	60	3	0.75	500	150		
57	SS310	100	3	0.85	100	150		
58	SS315	150	3	0.95	100	150		
59	SS320	200	3	0.95	100	150		
60	SS52C	20	5	0.55	500	150		
61	SS54C	40	5	0.55	500	150		
62	SS56C	60	5	0.75	500	150		
63	SS510C	100	5	0.80	10	150		
64	SS515C	150	5	0.95	100	150		
65	SS520C	200	5	0.95	100	150		
66	SS82C	20	8	0.55	500	150		
67	SS84C	40	8	0.55	500	150		
68	SS86C	60	8	0.70	500	150		
69	SS88C	80	8	0.85	100	150		
70	SS810C	100	8	0.85	10	150		
71	SR540L	40	5	0.55	500	150	 TO-277B	
72	SR5100L	100	5	0.84	100	150		
73	SR5200L	200	5	0.90	100	150		
74	SR1045L	45	10	0.55	100	150		
75	SR10U45L	45	10	0.51	120	150		
76	SR10U60L	60	10	0.63	200	150		
77	SR10100L	100	10	0.80	100	150		
78	SR10150L	150	10	0.90	50	150		
79	SR10200L	200	10	0.90	50	150		
80	SR10H200L	200	10	0.88	50	175		
81	SR5WH100L	100	5	0.76	100	175		
82	SR15100L	100	15	0.85	50	150		
83	SR15UH200L	200	15	0.89	10	175		
84	MBR10150TB	150	10	0.87	10	150	 TO-252	
85	MBR10H200TB	200	10	0.88	50	175		
86	MBR15H100TB	150	15	0.80	10	175		
87	MBR20150TB	150	20	0.87	10	150		
88	MBR20H200TB	200	20	0.93	10	175		

Standard Schottky Rectifiers

Item	Part Number	V_{RRM} (V)	I_F (A)	Max. V_F (V)	Max. I_R (μ A)	Max. T_J ($^{\circ}$ C)	Package
89	MBR10H200TA	200	10	0.88	50	175	 TO-263AB
90	MBR2045TA	45	20	0.60	100	150	
91	MBR20100TA	100	20	0.85	10	150	
92	MBR20150TA	150	20	0.87	10	150	
93	MBR20150TA-T	150	20	0.90	10	150	
94	MBR20H200TA	200	20	0.93	10	175	
95	MBR30150TA	150	30	0.90	10	150	
96	MBR30H200TA	200	30	0.90	50	175	
97	MBR40UH200TA	200	40	0.90	10	175	
98	SR320	20	3	0.55	500	125	
99	SR340	40	3	0.55	500	125	
100	SR360	60	3	0.75	500	125	
101	SR3100	100	3	0.85	100	150	
102	SR3150	150	3	0.95	100	150	
103	SR3200	200	3	0.95	100	150	
104	SR3H200	200	3	-	-	-	
105	SR520	20	5	0.55	500	150	
106	SR540	40	5	0.55	500	150	
107	SR560	60	5	0.75	500	150	
108	SR5100	100	5	0.80	100	150	
109	SR5150	150	5	0.95	100	150	
110	SR5200	200	5	0.95	100	150	
111	MBR10H200FCT	200	10	0.88	50	175	 ITO-220AB
112	MBR2045FCT	45	20	0.60	100	150	
113	MBR20100FCT	100	20	0.85	10	150	
114	MBR20150FCT	150	20	0.87	10	150	
115	MBR20150FCT-T	150	20	0.90	10	150	
116	MBR20H200FCT	200	20	0.93	10	175	
117	MBR30150FCT	150	30	0.90	10	150	
118	MBR30H200FCT	200	30	0.90	50	175	
119	MBR40250FCT	250	40	-	10	150	
120	MBR40UH200FCT	200	40	0.90	10	175	
121	MBR10H200CT	200	10	0.88	50	175	 TO-220AB
122	MBR2045CT	45	20	0.60	100	150	
123	MBR20100CT	100	20	0.85	10	150	
124	MBR20150CT	150	20	0.87	10	150	
125	MBR20150CT-T	150	20	0.90	10	150	
126	MBR20H200CT	200	20	0.93	10	175	
127	MBR30150CT	150	30	0.90	10	150	
128	MBR30H200CT	200	30	0.90	50	175	
129	MBR40250CT	250	40	-	10	150	
130	MBR40UH200CT	200	40	0.90	10	175	
131	MBR20H200PT	200	20	0.93	10	175	 TO-247
132	MBR40UH200PT	200	40	0.90	10	175	

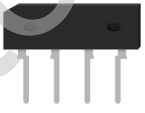
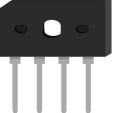
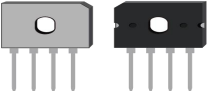
Schottky Bridge Rectifiers

Item	Part Number	Family	V_{RRM} (V)	I_F (A)	Typ. V_F (V)	Typ. I_R (μ A)	I_{FSM} (A)	Max. T_J ($^{\circ}$ C)	Package
1	MBM10	PMCD	100	1	0.72	5	30	150	 MBS
2	MBT4	TMBS	40	1	0.39	50	30	125	
3	MBT6	TMBS	60	1	0.42	30	30	125	
4	ABM240	PMCD	40	2	0.44	20	50	150	
5	ABMT240	TMBS	40	2	-	-	-	-	
6	ABM260	PMCD	60	2	0.470	30	50	150	
7	ABM2100	PMCD	100	2	0.720	7.5	50	150	
8	ABM340	PMCD	50	3	0.41	30	60	150	
9	ABM360	PMCD	60	3	0.455	32	80	150	
10	ABM3100	PMCD	100	3	-	-	-	150	
11	AFM240	PMCD	40	2	-	-	-	-	 MBF
12	ESP5L10	PMCD	100	5	0.72	80	120	150	 ESP
13	ESP5L6	PMCD	60	5	0.53	70	120	150	
14	ESP56	STd SKY	60	5	-	-	-	150	
15	ESP510	Std SKY	100	5	0.77	5	120	150	 DBLJ
16	DSB56	PMCD	60	5	0.49	30	120	150	
17	DSB510	PMCD	100	5	0.72	80	120	150	 GBU
18	SB420BU	PMCD	200	4	0.75	1	85	150	
19	SB6205S	PMCD	200	6	0.785	1	120	150	 GBJ

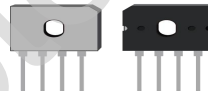
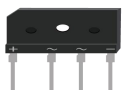
Standard Bridge Rectifiers

Item	Part Number	V_{RRM}	$I_F@T_C$	T_C	Max. V_F	I_F	Max. I_{RRM}	V_{ISO} (Insulating Voltage)	I_{FSM}	Max. T_J (°C)	Package
		(V)	(A)	(°C)	(V)	(A)	(μ A)	(V)	(A)	(°C)	
1	MSB206	600	2	110	1.1	2	5	-	60	150	 MSB
2	MSB208	800	2	110	1.1	2	5	-	60	150	
3	MSB210	1000	2	110	1.1	2	5	-	60	150	
4	MSB306	600	3	110	1.1	3	5	-	80	150	
5	MSB308	800	3	110	1.1	3	5	-	80	150	
6	MSB310	1000	3	110	1.1	3	5	-	80	150	
7	MSB406	600	4	110	1.1	4	5	-	90	150	
8	MSB408	800	4	110	1.1	4	5	-	90	150	
9	MSB410	1000	4	110	1.1	4	5	-	90	150	
10	MSB606	600	6	110	1.1	6	5	-	125	150	
11	MSB608	800	6	110	1.1	6	5	-	125	150	
12	MSB610	1000	6	110	1.1	6	5	-	125	150	
13	ABM1M	1000	1	25	0.99	1	5	-	30	150	 ABS
14	EF3M	1000	3	25	1.17	3	5	-	80	150	 ESP
15	D2KB60	600	2	100	1.1	1	5	2000	60	150	 D3K
16	D2KB80	800	2	100	1.1	1	5	2000	60	150	
17	D2KB100	1000	2	100	1.1	1	5	2000	60	150	
18	D3KB60	600	3	100	1.1	1.5	5	2000	80	150	
19	D3KB80	800	3	100	1.1	1.5	5	2000	80	150	
20	D3KB100	1000	3	100	1.1	1.5	5	2000	80	150	
21	D4KB60	600	4	100	1.1	2	5	2000	135	150	
22	D4KB80	800	4	100	1.1	2	5	2000	135	150	
23	D4KB100	1000	4	100	1.1	2	5	2000	135	150	
24	D6KB60	600	6	100	1.1	3	5	2000	150	150	
25	D6KB80	800	6	100	1.1	3	5	2000	150	150	
26	D6KB100	1000	6	100	1.1	3	5	2000	150	150	
27	D8KB60	600	8	100	1.1	4	5	2000	170	150	
28	D8KB80	800	8	100	1.1	4	5	2000	170	150	
29	D8KB100	1000	8	100	1.1	4	5	2000	170	150	
30	GBP206	600	2	50	1.1	2	5	-	60	150	 GBP
31	GBP208	800	2	50	1.1	2	5	-	60	150	
32	GBP210	1000	2	50	1.1	2	5	-	60	150	
33	GBP306	600	3	50	1.1	3	5	-	80	150	
34	GBP308	800	3	50	1.1	3	5	-	80	150	
35	GBP310	1000	3	50	1.1	3	5	-	80	150	
36	GBP406	600	4	100	1.1	4	5	-	140	150	
37	GBP408	800	4	100	1.1	4	5	-	140	150	
38	GBP410	1000	4	100	1.1	4	5	-	140	150	

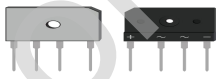
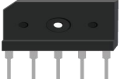
Standard Bridge Rectifiers

Item	Part Number	V_{RRM}	$I_F@T_C$	T_C	Max. V_F	I_F	Max. I_{RRM}	V_{ISO} (Insulating Voltage)	I_{FSM}	Max. T_J (°C)	Package
		(V)	(A)	(°C)	(V)	(A)	(μ A)	(V)	(A)	(°C)	
39	SGBL406	600	4	100	1.05	2	5	2500	140	150	 SGBL
40	SGBL408	800	4	100	1.05	2	5	2500	140	150	
41	SGBL410	1000	4	100	1.05	2	5	2500	140	150	
42	SGBL606	600	6	100	1.05	3	5	2500	150	150	
43	SGBL608	800	6	100	1.05	3	5	2500	150	150	
44	SGBL610	1000	6	100	1.05	3	5	2500	150	150	
45	SGBL806	600	8	100	1.05	4	5	2500	170	150	
46	SGBL808	800	8	100	1.05	4	5	2500	170	150	
47	SGBL810	1000	8	100	1.05	4	5	2500	170	150	
48	SGBL1006	600	10	100	1.1	5	5	2500	200	150	
49	SGBL1008	800	10	100	1.1	5	5	2500	200	150	
50	SGBL1010	1000	10	100	1.1	5	5	2500	200	150	
51	GBU406	600	4	100	1	2	5	2500	150	150	 GBU
52	GBU408	800	4	100	1	2	5	2500	150	150	
53	GBU410	1000	4	100	1	2	5	2500	150	150	
54	GBU606	600	6	100	1	3	5	2500	175	150	
55	GBU608	800	6	100	1	3	5	2500	175	150	
56	GBU610	1000	6	100	1	3	5	2500	175	150	
57	GBU806	600	8	100	1	4	5	2500	185	150	
58	GBU808	800	8	100	1	4	5	2500	185	150	
59	GBU810	1000	8	100	1	4	5	2500	185	150	
60	GBU1006	600	10	100	1	5	5	2500	200	150	
61	GBU1008	800	10	100	1	5	5	2500	200	150	
62	GBU1010	1000	10	100	1	5	5	2500	200	150	
63	GBU1506	600	15	100	1	7.5	5	2500	240	150	
64	GBU1508	800	15	100	1	7.5	5	2500	240	150	
65	GBU1510	1000	15	100	1	7.5	5	2500	240	150	
66	GBU15L06	600	15	100	0.9	7.5	5	2500	200	150	
67	GBU2006	600	20	100	1.1	10	5	2500	300	150	
68	GBU2008	800	20	100	1.1	10	5	2500	300	150	
69	GBU2010	1000	20	100	1.1	10	5	2500	300	150	
70	GBU2506	600	25	100	1.1	12.5	5	2500	350	150	
71	GBU2508	800	25	100	1.1	12.5	5	2500	350	150	
72	GBU2510	1000	25	100	1.1	12.5	5	2500	350	150	
73	GBU410L	1000	4	100	0.85	2	-	-	-	-	 GBUHS
74	GBU406HS	600	4	100	1	2	5	2500	140	150	
75	GBU408HS	800	4	100	1	2	5	2500	140	150	
76	GBU410HS	1000	4	100	1	2	5	2500	140	150	
77	GBU606HS	600	6	100	1	3	5	2500	150	150	
78	GBU608HS	800	6	100	1	3	5	2500	150	150	
79	GBU610HS	1000	6	100	1	3	5	2500	150	150	
80	GBU806HS	600	8	100	1	4	5	2500	170	150	
81	GBU808HS	800	8	100	1	4	5	2500	170	150	
82	GBU810HS	1000	8	100	1	4	5	2500	170	150	

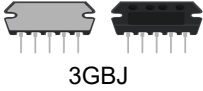
Standard Bridge Rectifiers

Item	Part Number	V_{RRM}	$I_F@T_C$	T_C	Max. V_F	I_F	Max. I_{RRM}	V_{ISO} (Insulating Voltage)	I_{FSM}	Max. T_J (°C)	Package	
		(V)	(A)	(°C)	(V)	(A)	(μ A)	(V)	(A)	(°C)		
83	GBU1006HS	600	10	100	1	5	5	2500	200	150	 GBUHS	
84	GBU1008HS	800	10	100	1	5	5	2500	200	150		
85	GBU1010HS	1000	10	100	1	5	5	2500	200	150		
86	GBU1506HS	600	15	100	1	7.5	5	2500	250	150		
87	GBU1508HS	800	15	100	1	7.5	5	2500	250	150		
88	GBU1510HS	1000	15	100	1	7.5	5	2500	250	150		
89	GBU2006HS	600	20	100	1.1	10	5	2500	300	150		
90	GBU2008HS	800	20	100	1.1	10	5	2500	300	150		
91	GBU2010HS	1000	20	100	1.1	10	5	2500	300	150		
92	GBU2506HS	600	25	100	1.1	12.5	5	2500	350	150		
93	GBU2508HS	800	25	100	1.1	12.5	5	2500	350	150		
94	GBU2510HS	1000	25	100	1.1	12.5	5	2500	350	150		
95	GBJ1060	600	10	100	1	5	5	2500	200	150		 GBJ
96	GBJ1080	800	10	100	1	5	5	2500	200	150		
97	GBJ10100	1000	10	100	1	5	5	2500	200	150		
98	GBJ1560	600	15	100	1	7.5	5	2500	250	150		
99	GBJ15L60	600	15	100	0.87	7.5	5	2500	280	150		
100	GBJ1580	800	15	100	1	7.5	5	2500	250	150		
101	GBJ15L80	800	15	100	0.87	7.5	5	2500	280	150		
102	GBJ15100	1000	15	100	1	7.5	5	2500	250	150		
103	GBJ2060	600	20	100	1	10	5	2500	300	150		
104	GBJ20L60	600	20	100	0.88	10	5	2500	350	150		
105	GBJ2080	800	20	100	1	10	5	2500	300	150		
106	GBJ20L80	800	20	100	0.88	10	5	2500	350	150		
107	GBJ20100	1000	20	100	1	10	5	2500	300	150		
108	GBJ2560	600	25	100	1	12.5	5	2500	350	150		
109	GBJ25L60	600	25	100	0.89	12.5	5	2500	380	150		
110	GBJ2580	800	25	100	1	12.5	5	2500	350	150		
111	GBJ25L80	800	25	100	0.89	12.5	5	2500	380	150		
112	GBJ25100	1000	25	100	1	12.5	5	2500	350	150		
113	GBJ3060	600	30	100	1.05	15	5	2500	370	150		
114	GBJ3080	800	30	100	1.05	15	5	2500	370	150		
115	GBJ30100	1000	30	100	1.05	15	5	2500	370	150		
116	GBJ3560	600	35	100	1.05	17.5	5	2500	400	150		
117	GBJ3580	800	35	100	1.05	17.5	5	2500	400	150		
118	GBJ35100	1000	35	100	1.05	17.5	5	2500	400	150		



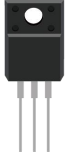
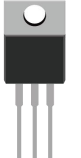
Standard Bridge Rectifiers

Item	Part Number	V_{RRM}	$I_F@T_C$	T_C	Max. V_F	I_F	Max. I_{RRM}	V_{ISO} (Insulating Voltage)	I_{FSM}	Max. T_J (°C)	Package	
		(V)	(A)	(°C)	(V)	(A)	(μ A)	(V)	(A)	(°C)		
119	GBJ2560HS	600	25	100	1	12.5	5	2500	350	150	 GBJHS	
120	GBJ2580HS	800	25	100	1	12.5	5	2500	350	150		
121	GBJ25100HS	1000	25	100	1	12.5	5	2500	350	150		
122	GBJ3560HS	600	35	100	1.05	17.5	5	2500	400	150		
123	GBJ3580HS	800	35	100	1.05	17.5	5	2500	400	150		
124	GBJ35100HS	1000	35	100	1.05	17.5	5	2500	400	150		
125	GBJ5060HS	600	50	100	1.05	25	5	2500	500	150		
126	GBJ5080HS	800	50	100	1.05	25	5	2500	500	150		
127	GBJ50100HS	1000	50	100	1.05	25	5	2500	500	150		
128	SGBJ2506	600	25	100	1.2	12.5	5	2500	400	150		 SGBJ
129	SGBJ2508	800	25	100	1.2	12.5	5	2500	400	150		
130	SGBJ2510	1000	25	100	1.2	12.5	5	2500	400	150		
131	SGBJ2512	1200	25	100	1.2	12.5	5	2500	400	150		
132	SGBJ2514	1400	25	100	1.2	12.5	5	2500	400	150		
133	SGBJ2516	1600	25	100	1.2	12.5	5	2500	400	150		
134	SGBJ3006	600	30	100	1.2	15	5	2500	450	150		
135	SGBJ3008	800	30	100	1.2	15	5	2500	450	150		
136	SGBJ3010	1000	30	100	1.2	15	5	2500	450	150		
137	SGBJ3012	1200	30	100	1.2	15	5	2500	450	150		
138	SGBJ3014	1400	30	100	1.2	15	5	2500	450	150		
139	SGBJ3016	1600	30	100	1.2	15	5	2500	450	150		
140	SGBJ3506	600	35	100	1.2	17.5	5	2500	500	150		
141	SGBJ3508	800	35	100	1.2	17.5	5	2500	500	150		
142	SGBJ3510	1000	35	100	1.2	17.5	5	2500	500	150		
143	SGBJ3512	1200	35	100	1.2	17.5	5	2500	500	150		
144	SGBJ3514	1400	35	100	1.2	17.5	5	2500	500	150		
145	SGBJ3516	1600	35	100	1.2	17.5	5	2500	500	150		
146	SGBJ5006	600	50	100	1.2	25	5	2500	600	150		
147	SGBJ5008	800	50	100	1.2	25	5	2500	600	150		
148	SGBJ5010	1000	50	100	1.2	25	5	2500	600	150		
149	SGBJ5012	1200	50	100	1.2	25	5	2500	600	150		
150	SGBJ5014	1400	50	100	1.2	25	5	2500	600	150		
151	SGBJ5016	1600	50	100	1.2	25	5	2500	600	150		


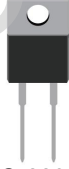
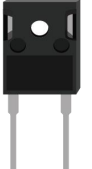
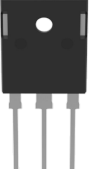
Standard Bridge Rectifiers

Item	Part Number	V_{RRM}	$I_F@T_C$	T_C	Max. V_F	I_F	Max. I_{RRM}	V_{ISO} (Insulating Voltage)	I_{FSM}	Max. T_J (°C)	Package
		(V)	(A)	(°C)	(V)	(A)	(μ A)	(V)	(A)	(°C)	
152	3GBJ2510 B	1000	25	100	1.1	12.5	5	2500	400	150	 3GBJ
153	3GBJ2512 B	1200	25	100	1.1	12.5	5	2500	400	150	
154	3GBJ2514 B	1400	25	100	1.1	12.5	5	2500	400	150	
155	3GBJ2516 B	1600	25	100	1.1	12.5	5	2500	400	150	
156	3GBJ3010 B	1000	30	100	1.1	15	5	2500	450	150	
157	3GBJ3012 B	1200	30	100	1.1	15	5	2500	450	150	
158	3GBJ3014 B	1400	30	100	1.1	15	5	2500	450	150	
159	3GBJ3016 B	1600	30	100	1.1	15	5	2500	450	150	
160	3GBJ3510 B	1000	35	100	1.1	17.5	5	2500	500	150	
161	3GBJ3512 B	1200	35	100	1.1	17.5	5	2500	500	150	
162	3GBJ3514 B	1400	35	100	1.1	17.5	5	2500	500	150	
163	3GBJ3516 B	1600	35	100	1.1	17.5	5	2500	500	150	
164	3GBJ5010 B	1000	50	100	1.2	25	5	2500	600	150	
165	3GBJ5012 B	1200	50	100	1.2	25	5	2500	600	150	
166	3GBJ5014 B	1400	50	100	1.2	25	5	2500	600	150	
167	3GBJ5016 B	1600	50	100	1.2	25	5	2500	600	150	
168	3GBJ2510 A	1000	25	100	1.1	12.5	5	2500	400	150	
169	3GBJ2512 A	1200	25	100	1.1	12.5	5	2500	400	150	
170	3GBJ2514 A	1400	25	100	1.1	12.5	5	2500	400	150	
171	3GBJ2516 A	1600	25	100	1.1	12.5	5	2500	400	150	
172	3GBJ3010 A	1000	30	100	1.1	15	5	2500	450	150	
173	3GBJ3012 A	1200	30	100	1.1	15	5	2500	450	150	
174	3GBJ3014 A	1400	30	100	1.1	15	5	2500	450	150	
175	3GBJ3016 A	1600	30	100	1.1	15	5	2500	450	150	
176	3GBJ3510 A	1000	35	100	1.1	17.5	5	2500	500	150	
177	3GBJ3512 A	1200	35	100	1.1	17.5	5	2500	500	150	
178	3GBJ3514 A	1400	35	100	1.1	17.5	5	2500	500	150	
179	3GBJ3516 A	1600	35	100	1.1	17.5	5	2500	500	150	
180	3GBJ5010 A	1000	50	100	1.2	25	5	2500	600	150	
181	3GBJ5012 A	1200	50	100	1.2	25	5	2500	600	150	
182	3GBJ5014 A	1400	50	100	1.2	25	5	2500	600	150	
183	3GBJ5016 A	1600	50	100	1.2	25	5	2500	600	150	



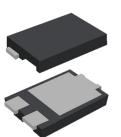
Super Fast Recovery Rectifiers

Item	Part Number	V _{RRM} (V)	I _F (A)	Typ. V _F (V)	Typ. I _R (μ A)	I _{FSM} (A)	Max. T _J ($^{\circ}$ C)	T _{RR} (ns)	Package
1	MURS160A	600	1	1.15	5	38	175	35	 SMA
2	SF560TB	600	5	1.44	10	65	175	35	 TO-252
3	SF840TB	400	8	1.28	10	120	175	35	
4	SF860TB	600	8	1.3	10	110	175	35	
5	SF1040TB	400	10	1.18	10	120	175	35	
6	SF1220FCT	200	12	0.91	0.01	100	150	35	
7	SF1620FCT	200	16	0.92	0.01	160	150	35	 ITO-220AB
8	SF2020FCT	200	20	0.92	0.01	180	150	35	
9	SF3020FCT	200	30	0.97	0.01	150	175	25	
10	SF4020FCT	200	40	1	0.02	220	150	35	
11	SF5020FCT	200	50	0.95	0.02	260	150	35	
12	SF1630FCT	300	16	1.10	0.01	130	150	35	
13	SF1040FCT	400	10	1.15	0.01	70	150	35	
14	SF1640FCT	400	16	1.28	0.01	120	150	35	
15	SF2040FCT	400	20	1.13	0.01	160	150	35	
16	MUR3040FCT	400	30	1.20	0.02	320	150	50	
17	SF860FCT	600	8	1.30	0.01	65	150	35	
18	SF1060FCT	600	10	1.30	0.01	90	150	35	
19	SF1660FCT	600	16	1.30	0.015	110	150	35	
20	SF2060FCT	600	20	1.40	0.03	180	150	35	
21	MUR3060FCT	600	30	1.40	0.02	250	150	50	
22	SF2070FCT	700	20	1.45	0.01	200	150	35	
23	MUR30120FCT	1200	30	1.90	0.03	160	150	50	
24	MUR30150FCT	1500	30	2.35	0.03	135	150	50	
25	SF1220CT	200	12	0.91	0.01	100	150	35	 TO-220AB
26	SF1620CT	200	16	0.92	0.01	160	150	35	
27	SF2020CT	200	20	0.92	0.01	180	150	35	
28	SF3020CT	200	30	0.97	0.01	150	175	25	
29	SF4020CT	200	40	1	0.02	220	150	35	
30	SF5020CT	200	50	0.95	0.02	260	150	35	
31	SF1630CT	300	16	1.10	0.01	130	150	35	
32	SF1040CT	400	10	1.15	0.01	70	150	35	
33	SF1640CT	400	16	1.28	0.01	120	150	35	
34	SF2040CT	400	20	1.13	0.01	160	150	35	
35	MUR3040CT	400	30	1.20	0.02	320	150	50	
36	SF860CT	600	8	1.30	0.01	65	150	35	
37	SF1060CT	600	10	1.30	0.01	90	150	35	
38	SF1660CT	600	16	1.30	0.015	110	150	35	
39	SF2060CT	600	20	1.40	0.03	180	150	35	
40	MUR3060CT	600	30	1.40	0.02	250	150	50	
41	SF2070CT	700	20	1.45	0.01	200	150	35	
42	MUR30120CT	1200	30	1.90	0.03	160	150	50	
43	MUR30150CT	1500	30	2.35	0.03	135	150	50	

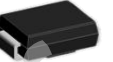
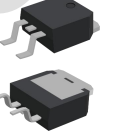

Super Fast Recovery Rectifiers

Item	Part Number	V _{RRM} (V)	I _F (A)	Typ. V _F (V)	Typ. I _R (μ A)	I _{FSM} (A)	Max. T _J (°C)	T _{RR} (ns)	Package
44	AH860FCO	600	8	2.8	1	90	150	20	 ITO-220AC
45	AH1060FCO	600	10	-	-	-	-	-	
46	AH1260FCO	600	12	-	-	-	-	-	
47	SF1060FCO	600	10	-	-	-	-	-	
48	MUR1560FCO	600	15	-	-	-	-	-	
49	MUR2060FCO	600	20	-	-	-	-	-	
50	MUR2060CO	600	15	-	-	-	-	-	 TO-220AC
51	MUR3060P	600	30	2.3	1	300	150	50	 TO-247-2L
52	MUR3060PT	600	30	2.2	1	165	150	50	 TO-247
53	MUR6020PT	200	60	-	-	500	150	50	
54	MUR6040PT	400	60	1.2	0.02	480	150	50	
55	MUR6060PT	600	60	1.35	0.03	420	150	50	
56	MUR8040PT	400	80	1	0.03	500	150	50	
57	MUR8060PT	600	80	1.2	0.03	500	150	50	



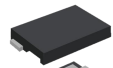
Standard Recovery Rectifiers

Item	Part Number	V_{RRM} (V)	I_F (A)	Max. V_F (V)	Max. I_R (μ A)	I_{FSM} (A)	Max. T_J ($^{\circ}$ C)	Package
1	S1AH	50	1	1.1	5	20	150	 SOD-323HS
2	S1BH	100	1	1.1	5	20	150	
3	S1DH	200	1	1.1	5	20	150	
4	S1GH	400	1	1.1	5	20	150	
5	S1JH	600	1	1.1	5	20	150	
6	S1KH	800	1	1.1	5	20	150	
7	S1MH	1000	1	1.1	5	20	150	
8	S1AS	50	1	1	5	40	150	 SOD-123HS
9	S1BS	100	1	1	5	40	150	
10	S1DS	200	1	1	5	40	150	
11	S1GS	400	1	1	5	40	150	
12	S1JS	600	1	1	5	40	150	
13	S1KS	800	1	1	5	40	150	
14	S1MS	1000	1	1	5	40	150	
15	S1A5S	50	1.5	1	5	55	150	
16	S1B5S	100	1.5	1	5	55	150	
17	S1D5S	200	1.5	1	5	55	150	
18	S1G5S	400	1.5	1	5	55	150	
19	S1J5S	600	1.5	1	5	55	150	
20	S1K5S	800	1.5	1	5	55	150	
21	S1M5S	1000	1.5	1	5	55	150	
22	S2AS	50	2	1.1	5	60	150	 TO-277B
23	S2BS	100	2	1.1	5	60	150	
24	S2DS	200	2	1.1	5	60	150	
25	S2GS	400	2	1.1	5	60	150	
26	S2JS	600	2	1.1	5	60	150	
27	S2KS	800	2	1.1	5	60	150	
28	S2MS	1000	2	1.1	5	60	150	
29	S3ML	1000	3	0.94	3	120	150	
30	S3UML	1000	3	0.91	3	180	150	
31	S8JL	600	8	1	3	180	150	
32	S8KL	800	8	1	3	180	150	
33	S8ML	1000	8	1	3	180	150	
34	S10JL	600	10	0.98	3	250	150	
35	S10KL	800	10	0.98	3	250	150	
36	S10ML	1000	10	0.98	3	250	150	
37	S12JL	600	12	1	3	250	150	
38	S12KL	800	12	1	3	250	150	
39	S12ML	1000	12	1	3	250	150	

Standard Recovery Rectifiers


Item	Part Number	V_{RRM} (V)	I_F (A)	Max. V_F (V)	Max. I_R (μ A)	I_{FSM} (A)	Max. T_J ($^{\circ}$ C)	Package
40	S1VA	1600	1	1.1	5	30	150	 SMA
41	S1WA	1800	1	1.1	5	30	150	
42	S1YA	2000	1	1.1	5	30	150	
43	S2VA	1600	2	1.1	5	50	150	
44	S2WA	1800	2	1.1	5	50	150	
45	S2YA	2000	2	1.1	5	50	150	
46	GR2010TA	1000	20	1.1	3	400	150	 TO-263AB
47	GR2010FCO	1000	20	1.1	5	350	150	 ITO-220AC

Transient Voltage Suppressors

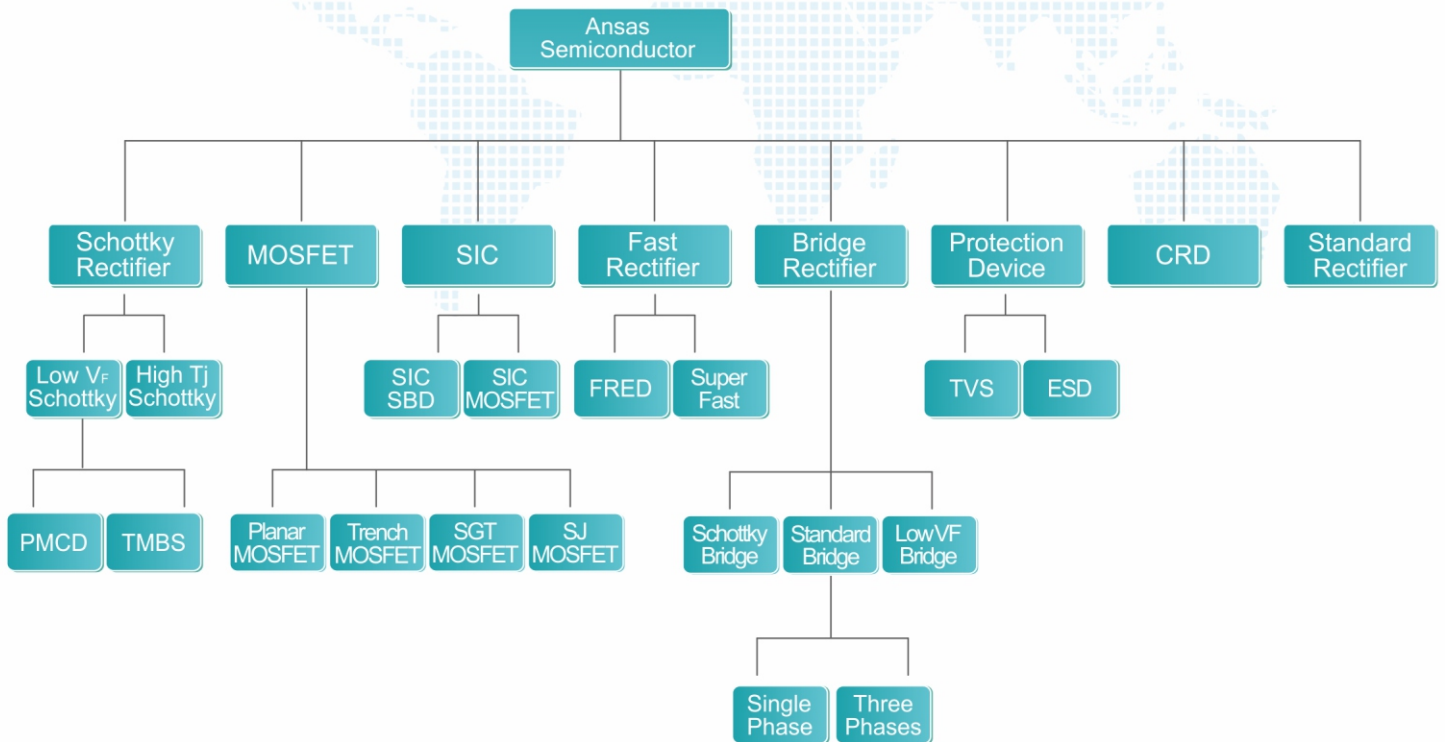
Item	Part Number	Breakdown Voltage $V_{BR}@ I_T$ (V)		Test Current I_T (mA)	Stand-off Voltage V_{WM} (V)	Maximum Reverse Current $I_R @ V_{WM}$ (μ A)	Maximum Peak Pulse Surge Current I_{PPM} (A)	Maximum Clamping Voltage $V_C @ I_{PPM}$ (V)	Package
		Min.	Max.						
1	SMF3.3A	5.2	6.6	10	3.3	800	23.5	8.5	 SOD-123FL
2	SM4F5.0A	6.4	7.08	10	5	800	43.5	9.2	
3	SM4F3.3A	5.2	6.6	10	3.3	800	47.1	8.5	
4	SMAJ5.0A	6.4	7.08	10	5	800	43.5	9.2	 SMA
5	SMAJ3.3A	5.2	6.6	10	3.3	800	47.1	8.5	
6	SMPJ5.0AL	6.4	7.07	10	5	1500	150	10	 TO-277B
7	SMPJ6.0AL	6.67	7.37	10	6	1000	145.6	10.3	
8	SMPJ6.5AL	7.22	7.98	10	6.5	500	133.9	11.2	
9	SMPJ7.0AL	7.78	8.6	10	7	200	125	12	
10	SMPJ7.5AL	8.33	9.21	1	7.5	100	116.3	12.9	
11	SMPJ8.0AL	8.89	9.83	1	8	50	110.3	13.6	
12	SMPJ8.5AL	9.44	10.4	1	8.5	20	104.2	14.4	
13	SMPJ9.0AL	10	11.1	1	9	5	97.4	15.4	
14	SMPJ10AL	11.1	12.3	1	10	2	88.2	17	
15	SMPJ11AL	12.2	13.5	1	11	2	82.4	18.2	
16	SMPJ12AL	13.3	14.7	1	12	2	75.4	19.9	
17	SMPJ13AL	14.4	15.9	1	13	1	69.8	21.5	
18	SMPJ14AL	15.6	17.2	1	14	1	64.7	23.2	
19	SMPJ15AL	16.7	18.5	1	15	1	61.5	24.4	
20	SMPJ16AL	17.8	19.7	1	16	1	57.7	26	
21	SMPJ17AL	18.9	20.9	1	17	1	54.3	27.6	
22	SMPJ18AL	20	22.1	1	18	1	51.4	29.2	
23	SMPJ20AL	22.2	24.5	1	20	1	46.3	32.4	
24	SMPJ22AL	24.4	26.9	1	22	1	42.3	35.5	
25	SMPJ24AL	26.7	29.5	1	24	1	38.6	38.9	
26	SMPJ26AL	28.9	31.9	1	26	1	35.6	42.1	
27	SMPJ28AL	31.1	34.4	1	28	1	33	45.4	
28	SMPJ30AL	33.3	36.8	1	30	1	31	48.4	
29	SMPJ33AL	36.7	40.6	1	33	1	28.1	53.3	
30	SMPJ36AL	40	44.2	1	36	1	25.8	58.1	
31	SMPJ40AL	44.4	49.1	1	40	1	23.3	64.5	
32	SMPJ43AL	47.8	52.8	1	43	1	21.6	69.4	
33	SMPJ45AL	50	55.3	1	45	1	20.6	72.7	
34	SMPJ48AL	53.3	58.9	1	48	1	19.4	77.4	
35	SMPJ51AL	56.7	62.7	1	51	1	18.2	82.4	
36	SMPJ54AL	60	66.3	1	54	1	17.2	87.1	
37	SMPJ58AL	64.4	71.2	1	58	1	16	93.6	
38	SMPJ60AL	66.7	73.7	1	60	1	15.5	96.8	
39	SMPJ64AL	71.1	78.6	1	64	1	14.6	103	
40	SMPJ70AL	77.8	86	1	70	1	13.3	113	
41	SMPJ75AL	83.3	92.1	1	75	1	12.4	121	
42	SMPJ78AL	86.7	95.8	1	78	1	11.9	126	
43	SMPJ85AL	94.4	104	1	85	1	10.9	137	

Note: Bi-directional with "CA" suffix.

ESD Protection Diodes

Item	Part Number	Breakdown Voltage V_{BR} @ I_T (V)		Test Current I_T (mA)	Stand-off Voltage V_{WM} (V)	Maximum Reverse Current I_R @ V_{WM} (μ A)	Maximum Peak Pulse Surge Current I_{PPM} (A)	Maximum Clamping Voltage V_C @ I_{PPM} (V)	Package
		Min.	Max.						
1	CZSS3V3B1N	5.15	6.45	1	3.3	0.1	8	12	 DFN0603
2	CZX3V3B1N	3.6	5	1	3.3	1	10	10	
3	CZSS5V0B1CN	6	8.6	1	5	0.1	4	15	
4	CZSS5V0B1N-1	5.6	9.5	1	5	0.1	3.5	13	
5	CZSS5V0B1N-2	5.6	8	1	5	0.1	7	12.5	
6	CZSS5V0U1CN	4.8	6.6	1	5	0.1	4	15	
7	CZSS5V0U1CN-1	6	8.6	1	5	0.1	4	15	
8	CZX5V0B1N	5.5	6.5	1	5	1	8	12	
9	CZS3V3B1Z-1	5.2	6.8	1	3.3	1	3	11	
10	CZS3V3B1Z-2	5.2	6.8	1	3.3	1	4	11	
11	CZS3V3U1CZ	5	-	1	3.3	1	5	20	
12	CZSS3V3B1Z	5.15	6.45	1	3.3	0.1	8	12	
13	CZX3V3B1Z	3.6	5	1	3.3	1	10	10	
14	CZS5V0B1Z	6.2	7.8	1	5	1	3	12	
15	CZSS5V0B1Z-1	5.6	9.5	1	5	0.1	3.5	13	
16	CZSS5V0U1CZ-1	6	8.6	1	5	0.1	4	15	
17	CZSS5V0B1CZ	6	8.6	1	5	0.1	4	15	
18	CZSS5V0B1Z-2	5.6	8	1	5	0.1	7	12.5	
19	CZSS5V0U1CZ	4.8	6.6	1	5	0.1	4	15	
20	CZX5V0B1Z	5.5	6.5	1	5	1	8	12	

Power Discrete Devices



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