

# DIODES INC. Rectifiers



This product is RoHS compliant.

## SCHOTTKY BARRIER RECTIFIERS (CONT.)

Diodes & Rectifiers

Diodes Inc.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Rectifying Current	V <sub>RRM</sub> (Max.)	I <sub>FSM</sub>	Forward Voltage Drop		Price Each			Reel Quantity	Price Per Piece
						V <sub>F</sub>	@ I <sub>F</sub>	1	10	100		
621-B130-F	B130-13-F	SMA	1A	30V	30A	.5V	1A	.50	.36	.216	5000	.141
621-B130-F	B130B-13-F	SMB	1A	30V	30A	.5V	1A	.53	.375	.25	3000	.159
621-B130LB-F	B130LB-13-F	SMB	1A	30V	40A	.40V	1A	.47	.371	.253	3000	.171
621-1N5819HW-F	1N5819HW-13-F	SOD-123	1A	40V	25A	.45V	1A	.48	.338	.225	3000	.22
621-1N5819	1N5819-T	DO-41	1A	40V	25A	.90V	3A	.44	.34	.234	5000	.087
621-B140-F	B140-13-F	SMA	1A	40V	30A	.5V	1A	.50	.36	.216	5000	.147
621-B140B-F	B140B-13-F	SMB	1A	40V	30A	.5V	1A	.58	.413	.275	3000	.165
621-B140HB-F	B140HB-13-F	SMB	1A	40V	45A	.53V	1A	.44	.342	.234	3000	.177
621-B150-F	B150-13-F	SMA	1A	50V	30A	.7V	1A	.47	.371	.253	5000	.19
621-B150B-F	B150B-13-F	SMB	1A	50V	30A	.7V	1A	.75	.646	.51	3000	.246
621-B160-F	B160-13-F	SMA	1A	60V	30A	.7V	1A	.56	.40	.24	5000	.208
621-B160B-F	B160B-13-F	SMB	1A	60V	30A	.7V	1A	.75	.646	.51	3000	.246
621-DFLS160-F	DFLS160-7	PowerDI™ 123	1A	60V	50A	.5V	1A	.55	.44	.33	3000	.155
621-B180-F	B180-13-F	SMA	1A	80V	30A	.79V	1A	.88	.76	.60	5000	.26
621-B180B-F	B180B-13-F	SMB	1A	80V	30A	.79V	1A	.77	.616	.399	3000	.269
621-SB1100T	SB1100-T	DO-41	1A	100V	25A	.80V	1A	.61	.48	.363	5000	.159
621-B1100-F	B1100-13-F	SMA	1A	100V	30A	.79V	1A	.44	.34	.293	5000	.257
621-B1100B-F	B1100B-13-F	SMB	1A	100V	30A	.79V	1A	1.01	.87	.598	3000	.333
621-DFLS1200-F	DFLS1200-7	PowerDI™ 123	1A	100V	40A	.77V	1A	.74	.594	.384	3000	.20
621-B1100LB-F	B1100LB-13-F	SMB	1A	100V	50A	.75V	1A	.54	.428	.314	3000	.305
621-DFLS220L-7	DFLS220L-7	PowerDI™ 123	2A	20V	40A	.42V	2A	.79	.68	.468	3000	.26
621-B220-F	B220-13-F	SMB	2A	20V	50A	.5V	2A	.54	.428	.257	3000	.257
621-B220A-F	B220A-13-F	SMA	2A	20V	50A	.5V	2A	.58	.413	.275	5000	.232
621-DFLS230-7	DFLS230-7	PowerDI™ 123	2A	30V	22A	.49V	2A	.75	.64	.44	3000	.24
621-DFLS230L-7	DFLS230L-7	PowerDI™ 123	2A	30V	33A	.42V	2A	.79	.68	.46	3000	.26
621-B230-F	B230-13-F	SMB	2A	30V	50A	.5V	2A	.54	.428	.295	3000	.275
621-B230A-F	B230A-13-F	SMA	2A	30V	50A	.5V	2A	.58	.413	.275	5000	.25
621-DFLS230LH-F	DFLS230LH-7	PowerDI™ 123	2A	30V	75A	.45V	2A	.84	.72	.49	3000	.27
621-DFLS240-7	DFLS240-7	POWERDI-123	2 A	40 V	2A	.7V	2A	.70	.61	.472	3000	.246
621-B240-F	B240-13-F	SMB	2A	40V	50A	.5V	2A	.54	.42	.293	3000	.293
621-B240A-F	B240A-13-F	SMA	2A	40V	50A	.5V	2A	.58	.413	.275	5000	.263
621-DFLS240L-7	DFLS240L-7	PowerDI™ 123	2A	40V	50A	.55V	2A	.79	.68	.468	3000	.26
621-B250-F	B250-13-F	SMB	2A	50V	50A	.7V	2A	.51	.399	.314	3000	.305
621-B250A-F	B250A-13-F	SMA	2A	50V	50A	.7V	2A	.52	.418	.313	5000	.275
621-B260-F	B260-13-F	SMB	2A	60V	50A	.7V	2A	.47	.371	.355	3000	.33
621-B260A-F	B260A-13-F	SMA	2A	60V	50A	.7V	2A	.51	.399	.305	5000	.293
621-B290-F	B290-13-F	SMB	2A	90V	50A	.79V	2A	1.14	1.02	.705	3000	.42
621-B2100-F	B2100-13-F	SMB	2A	100V	50A	.79V	2A	.58	.456	.379	3000	.379
621-B320A-F	B320A-13-F	SMA	3A	20V	100A	.5V	3A	.66	.57	.45	5000	.294
621-B320-F	B320-13-F	SMC	3A	20V	125A	.5V	3A	.55	.44	.389	3000	.375
621-B320B-F	B320B-13-F	SMC	3A	20V	125A	.5V	3A	.58	.462	.346	3000	.33
621-1N5820	1N5820-T	DO-201AD	3A	20V	80A	.85V	3A	.74	.59	.445	1200	.229
621-B330A-F	B330A-13-F	SMA	3A	30V	100A	.5V	3A	.55	.44	.33	5000	.305
621-B330-F	B330-13-F	SMA	3A	30V	125A	.5V	3A	.63	.506	.388	3000	.379
621-B330B-F	B330B-13-F	SMC	3A	30V	125A	.5V	3A	.61	.484	.363	3000	.342
621-1N5821	1N5821-T	DO-201AD	3A	30V	80A	.90V	3A	.74	.59	.445	1200	.229
621-B340A-F	B340A-13-F	SMA	3A	40V	100A	.5V	3A	.50	.48	.43	5000	.325
621-B340-F	B340-13-F	SMC	3A	40V	125A	.5V	3A	.50	.49	.483	3000	.413
621-B340B-F	B340B-13-F	SMC	3A	40V	125A	.5V	3A	.58	.456	.421	3000	.366
621-B340LA-F	B340LA-13-F	SMA	3A	40V	70A	.45V	3A	.61	.484	.363	5000	.318
621-B340LB-F	B340LB-13-F	SMB	3A	40V	70A	.45V	3A	.50	.396	.356	3000	.354
621-1N5822	1N5822-T	DO-201AD	3A	40V	80A	.95V	3A	.74	.59	.445	1200	.229
621-B350A-F	B350A-13-F	SMA	3A	50V	100A	.7V	3A	.66	.528	.396	5000	.391
621-B350B-F	B350B-13-F	SMC	3A	50V	125A	.7V	3A	.66	.528	.442	3000	.439
621-B360A-F	B360A-13-F	SMA	3A	60V	100A	.7V	3A	1.16	.91	.70	5000	.446
621-PDS360-F	PDS360-13	PowerDI™ 5	3A	60V	100A	.62V	3A	1.37	1.22	.972	5000	.549
621-B360-F	B360-13-F	SMC	3A	60V	125A	.7V	3A	.61	.587	.568	3000	.537
621-B360B-F	B360B-13-F	SMB	3A	60V	125A	.7V	3A	1.29	1.01	.78	3000	.497
621-B370-F	B370-13-F	SMC	3A	70V	100A	.79V	3A	.77	.616	.583	3000	.549
621-B380-F	B380-13-F	SMC	3A	80V	100A	.79V	3A	1.75	1.56	1.24	3000	.644
621-B3100-F	B3100-13-F	SMC	3A	100V	100A	.79V	3A	.66	.63	.627	3000	.586
621-PDS3100-13	PDS3100-13	PowerDI™ 5	3A	100V	90A	.75V	3A	1.29	1.15	.91	5000	.45
621-PDS3200-13	PDS3200-13	PowerDI™ 5	3A	200V	180A	.78V	3A	1.82	1.63	1.29	5000	.635
621-PDS4150-F	PDS4150-13	PowerDI™ 5	4A	150V	180A	.76V	4A	1.82	1.63	1.29	5000	.63
621-B520C-F	B520C-13-F	SMC	5A	20V	175A	.55V	5A	1.06	.912	.624	3000	.427
621-B530C-13-F	B530C-13-F	SMC	5A	30V	175A	.55V	5A	1.06	.91	.72	3000	.452
621-PDS1040CTL-13	PDS1040CTL-13	PowerDI™ 5	5A	40V	110A	.50V	5A	1.79	1.53	1.24	5000	.66
621-B540C-F	B540C-13-F	SMC	5A	40V	175A	.55V	5A	1.06	.91	.72	3000	.476
621-B550C-F	B550C-13-F	SMC	5A	50V	175A	.7V	5A	.99	.88	.70	3000	.525
621-PDS560-F	PDS560-13	PowerDI™ 5	5A	60V	120A	.67V	5A	1.52	1.36	1.08	5000	.53
621-B560C-F	B560C-13-F	SMC	5A	60V	175A	.7V	5A	.99	.88	.702	3000	.574
621-PDS5100-13	PDS5100-13	PowerDI™ 5	5A	100V	120A	.78V	5A	1.60	1.42	1.13	5000	.55
621-SB5100T	SB5100-T	DO-201AD	5A	100V	150A	.80V	5A	.79	.684	.468	1200	.415
621-PDS5100H-13	PDS5100H-13	PowerDI™ 5	5A	100V	250A	.71V	5A	1.89	1.62	1.32	5000	.70
621-PDS760-F	PDS760-13	PowerDI™ 5	7A	60V	275A	.62V	7A	1.71	1.53	1.21	5000	.635
621-PDS1040-13	PDS1040-13	PowerDI™ 5	10A	40V	275A	.51V	10A	1.33	1.19	.94	5000	.46
621-PDS1040L-13	PDS1040L-13	PowerDI™ 5	10A	40V	275A	.49V	10A	1.33	1.19	.94	5000	.46
621-PDS1045-F	PDS1045-13	PowerDI™ 5	10A	45V	275A	.51V	10A	1.71	1.53	1.21	5000	.59
621-MBRB1545CT-T	MBRB1545CT-T	DZPAK	15 A	45 V	15A	.7V	7.5A	1.72	1.56	1.22	800	.964
621-MBR2045CTP	MBR2045CTP	TO-220AB	20A	45V	150A	.65V	10A	1.82	1.60	1.26	5000	.69
621-MBR2060CTP	MBR2060CTP	TO-220AB	20A	60V	170A	.8V	10A	1.68	1.48	1.17	5000	.638
621-MBR3045CTP	MBR3045CTP	TO-220AB	30A	45V	250A	.65V	15A	1.86	1.68	1.35	5000	.78
621-MBR3060CTP	MBR3060CTP	TO-220	30A	60V	250A	.75V	15A	2.23	2.01	1.62	5000	.936