

DIODES INC. Rectifiers



This product is RoHS compliant.



DIODESTAR™ RECTIFIERS

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Rectified Current (A)	Peak Repetitive Reverse Voltage (V)	I _{FSM} (A)	Reverse Recovery Time (ns)	Total Capacitance (pF)	Price Each			Reel Qty.	Price Per Piece
								1	25	100		
621-DSR6U600D1-13	DSR6U600D1-13	TO252-3L	6	600	60	25	30	.85	.805	.675	2500	.35
621-DSR6V600D1-13	DSR6V600D1-13	TO252-3L	6	600	60	23	30	.85	.805	.675	2500	.35
621-DSR8U600	DSR8U600	TO-220AC	8	600	85	28	55	.97	.947	.771	-	-
621-DSR8V600	DSR8V600	TO-220AC	8	600	65	23	55	.97	.947	.771	-	-
621-DSR15U600	DSR15U600	TO-220AC	15	600	150	35	80	1.20	1.17	.955	-	-

BRIDGE RECTIFIERS

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Rectifying Current	V _{RRM} (Max.)	Max. Surge Current	Operating Temperature	Price Each			Reel Qty.	Price Per Piece
							1	10	100		
621-HD04T	HD04-T	MiniDIP	0.8A	400V	30A	-55°C to +150°C	.51	.39	.273	3000	.213
621-HD06T	HD06-T	MiniDIP	0.8A	600V	30A	-55°C to +150°C	.58	.45	.312	3000	.208
621-DF01M	DF01M	DFM	1A	100V	50A	-65°C to +150°C	.49	.383	.262	-	-
621-DF01ST	DF01S-T	DFS	1A	100V	50A	-65°C to +150°C	.58	.456	.26	1500	.24
621-DF04M	DF04M	DFM	1A	400V	50A	-65°C to +150°C	.49	.383	.262	-	-
621-DF10M	DF10M	DFM	1A	1000V	50A	-65°C to +150°C	.50	.42	.315	-	-
621-DF1501ST	DF1501S-T	DFS	1.5A	100V	50A	-65°C to +150°C	.58	.462	.299	1500	.257
621-KBP04G	KBP04G	KBP	1.5A	400V	40A	-65°C to +150°C	1.01	.87	.675	-	-
621-DF1504ST	DF1504S-T	DFS	1.5A	400V	50A	-65°C to +150°C	.66	.52	.396	1500	.28
621-DF1510ST	DF1510S-T	DFS	1.5A	1000V	50A	-65°C to +150°C	.74	.59	.445	1500	.39
621-KBP204G	KBP204G	KBP	2A	400V	65A	-65°C to +150°C	.52	.44	.384	-	-
621-KBP210G	KBP210G	KBP	2A	1000V	65A	-65°C to +150°C	.64	.56	.432	-	-
621-GBU404	GBU404	GBU	4A	400V	150A	-65°C to +150°C	1.37	1.20	.955	-	-
621-GBU410	GBU410	GBU	4A	1000V	150A	-65°C to +150°C	1.65	1.45	1.15	-	-
621-GBU804	GBU804	GBU	8A	400V	200A	-65°C to +150°C	1.67	1.51	1.21	-	-
621-GBU810	GBU810	GBU	8A	1000V	200A	-55°C to +150°C	1.74	1.56	1.26	-	-
621-GBU1004	GBU1004	GBU	10A	400V	220A	-65°C to +150°C	1.72	1.51	1.20	-	-
621-GBU1010	GBU1010	GBU	10A	1000V	220A	-65°C to +150°C	2.38	1.85	1.46	-	-
621-GBPC1504	GBPC1504	GBPC	15A	400V	300A	-65°C to +150°C	2.60	2.35	1.89	-	-
621-GBJ1510-F	GBJ1510-F	GBJ	15A	1000V	240A	-65°C to +150°C	2.02	1.82	1.46	-	-
621-GBPC1510	GBPC1510	GBPC	15A	1000V	300A	-65°C to +150°C	2.79	2.52	2.02	-	-
621-GBJ2004-F	GBJ2004-F	GBJ	20A	400V	240A	-65°C to +150°C	1.71	1.54	1.23	-	-
621-GBJ2010-F	GBJ2010-F	GBJ	20A	1000V	240A	-65°C to +150°C	2.17	1.96	1.57	-	-
621-GBPC2504	GBPC2504	GBPC	25A	400V	300A	-65°C to +150°C	2.79	2.31	1.87	-	-
621-GBJ2504-F	GBJ2504-F	GBJ	25A	400V	350A	-65°C to +150°C	2.02	1.82	1.46	-	-
621-GBPC2510	GBPC2510	GBPC	25A	1000V	300A	-65°C to +150°C	2.95	2.59	2.10	-	-
621-GBJ2510-F	GBJ2510-F	GBJ	25A	1000V	350A	-65°C to +150°C	2.33	1.89	1.53	-	-
621-GBPC3504	GBPC3504	GBPC	35A	400V	400A	-65°C to +150°C	2.95	2.66	2.13	-	-
621-GBPC3510	GBPC3510	GBPC	35A	1000V	400A	-65°C to +150°C	2.80	2.50	2.05	-	-

FAST/SUPER-FAST/ULTRA-FAST RECOVERY RECTIFIERS



MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Rectifying Current	Reverse Recovery Time	V _{RRM} (Max.)	Max. Surge Current	Price Each			Reel Qty.	Price Per Piece
							1	10	100		
621-ES1A-F	ES1A-13-F	SMA	1A	25ns	50V	30A	.58	.413	.275	5000	.166
621-ES1B-F	ES1B-13-F	SMA	1A	25ns	100V	30A	.58	.413	.275	5000	.183
621-ES1C-F	ES1C-13-F	SMA	1A	25ns	150V	30A	.80	.63	.478	5000	.195
621-ES1D-F	ES1D-13-F	SMB	1A	25ns	200V	30A	.50	.413	.275	5000	.183
621-MUR120	MUR120-T	DO-41	1A	25ns	200V	35A	.61	.48	.363	5000	.16
621-MURS120	MURS120-13-F	SMB	1A	25ns	200V	40A	.58	.413	.275	3000	.183
621-UF1001	UF1001-T	DO-41	1A	50ns	50V	30A	.57	.41	.246	5000	.065
621-US1A-F	US1A-13-F	SMA	1A	50ns	50V	30A	.48	.375	.25	5000	.135
621-US1B-F	US1B-13-F	SMA	1A	50ns	100V	30A	.53	.37	.25	5000	.147
621-MUR140	MUR140-T	DO-41	1A	50ns	400V	35A	.55	.44	.33	5000	.154
621-UF1004	UF1004-T	DO-41	1A	50ns	400V	30A	.63	.44	.295	5000	.091
621-US1G-F	US1G-13-F	SMA	1A	50ns	400V	30A	.58	.413	.275	5000	.171
621-MUR160	MUR160-T	DO-41	1A	50ns	600V	35A	.66	.52	.396	5000	.162
621-MURS160-F	MURS160-13-F	SMB	1A	50ns	600V	35A	.47	.371	.253	3000	.196
621-US1J-F	US1J-13-F	SMA	1A	75ns	600V	30A	.58	.413	.275	5000	.183
621-US1K-F	US1K-13-F	SMA	1A	75ns	800V	30A	.51	.399	.273	5000	.196
621-UF1007	UF1007-T	DO-41	1A	75ns	1000V	30A	.52	.41	.313	5000	.128
621-US1M-F	US1M-13-F	SMA	1A	75ns	1000V	30A	.51	.399	.273	5000	.208
621-RS1A-13-F	RS1A-13-F	SMA	1A	150ns	50V	30A	.56	.40	.24	5000	.072
621-RS1AB-13-F	RS1AB-13-F	SMB	1A	150ns	50V	30A	.51	.36	.24	3000	.098
621-RS1D-13-F	RS1D-13-F	SMA	1A	150ns	200V	30A	.50	.39	.297	5000	.121
621-RS1G-13-F	RS1G-13-F	SMA	1A	150ns	400V	30A	.51	.37	.219	5000	.08
621-RS1M-13-F	RS1M-13-F	SMA	1A	500ns	1000V	30A	.44	.342	.234	5000	.093
621-RS2D-13-F	RS2D-13-F	SMB	1.5A	150ns	200V	50A	.44	.342	.234	3000	.135
621-ES2A-F	ES2A-13-F	SMB	2A	25ns	50V	50A	.70	.60	.416	3000	.216
621-ES2AA-F	ES2AA-13-F	SMA	2A	25ns	50V	50A	.58	.456	.312	5000	.196
621-ES2B-F	ES2B-13-F	SMB	2A	25ns	100V	50A	.58	.456	.26	3000	.208
621-ES2CA-F	ES2CA-13-F	SMA	2A	25ns	150V	50A	.79	.68	.54	5000	.234
621-ES2D-F	ES2D-13-F	SMB	2A	25ns	200V	50A	.84	.72	.494	3000	.256
621-ES2DA-13-F	ES2DA-13-F	SMA	2A	25ns	200V	50A	.58	.456	.312	5000	.232
621-RS2AA-13-F	RS2AA-13-F	SMA	2A	150ns	50V	50A	.49	.41	.309	5000	.145
621-ES3AB-F	ES3AB-13-F	SMB	3A	25ns	50V	100A	.77	.616	.399	3000	.33
621-ES3B-F	ES3B-13-F	SMC	3A	25ns	100V	100A	.97	.86	.599	3000	.357
621-ES3BB-F	ES3BB-13-F	SMB	3A	25ns	100V	100A	.77	.616	.399	3000	.311
621-ES3C-F	ES3C-13-F	SMC	3A	25ns	150V	100A	1.03	.91	.634	3000	.378
621-ES3CB-F	ES3CB-13-F	SMB	3A	25ns	150V	100A	.77	.616	.399	3000	.33
621-ES3D-F	ES3D-13-F	SMC	3A	25ns	200V	100A	.77	.616	.462	3000	.391
621-ES3DB-F	ES3DB-13-F	SMB	3A	25ns	200V	100A	.77	.616	.462	3000	.391
621-RS3K-13-F	RS3K-13-F	SMC	3A	500ns	800V	100A	.77	.616	.462	3000	.354
621-PDU620-13	PDU620-13	PowerDI-5	6A	25ns	200V	150	1.44	1.27	1.00	5000	.532