

FAIRCHILD Rectifiers

Products may be RoHS compliant. Check mouser.com for RoHS status.



Surface Mount Device

FAST RECOVERY RECTIFIERS (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	Configuration	Max Repetitive Reverse Voltage	Avg Rectified Forward Current	Max Instantaneous Forward Voltage	Max Reverse Recovery Time	Price Each			
								1	25	100	250
512-1N4935	1N4935	DO-41	Single	200V	1A	1.2V	150ns	.06	.058	.046	.034
512-1N4936	1N4936	DO-41	Single	400V	1A	1.2V	150ns	.06	.058	.046	.034
512-RGF1G	RGF1G	DO-214AC	Single	400V	1A	1.3V	150ns	.22	.20	.17	.15
512-RGP10G	RGP10G	DO-41	Single	400V	1A	1.3V	150ns	.72	.33	.228	.162
512-1N4937	1N4937	DO-41	Single	600V	1A	1.2V	150ns	.06	.058	.046	.034
512-RGF1J	RGF1J	DO-214AC	Single	600V	1A	1.3V	250ns	.41	.34	.267	.192
512-RGP10K	RGP10K	DO-41	Single	800V	1A	1.3V	500ns	.72	.33	.228	.162
512-RGF1M	RGF1M	DO-214AC	Single	1000V	1A	1.3V	500ns	.20	.181	.159	.134
512-RGP10M	RGP10M	DO-41	Single	1000V	1A	1.3V	500ns	.12	.118	.095	.07

Fairchild Diodes & Rectifiers

HYPERFAST RECOVERY RECTIFIERS

Surface Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	Configuration	Max Repetitive Reverse Voltage	Avg Rectified Forward Current	Max Instantaneous Forward Voltage	Max Reverse Recovery Time	Price Each			
								1	25	100	250
512-RHRD660S9A	RHRD660S9A	TO-252	Single	600V	6A	2.1V	35ns	.89	.67	.651	.52
512-RHRP8120	RHRP8120	TO-220	Single	1200V	8A	3.2V	70ns	.93	.749	.614	.532
512-RHRP1560	RHRP1560	TO-220	Single	600V	15A	2.1V	40ns	1.34	1.07	.876	.759
512-RHRP15120	RHRP15120	TO-220	Single	1200V	15A	3.2V	75ns	1.56	1.25	1.02	.889
512-RHRP3060	RHRP3060	TO-220	Single	600V	30A	2.1V	45ns	2.12	1.69	1.38	1.20
512-RHRG30120	RHRG30120	TO-247	Single	1200V	30A	3.2V	75ns	2.70	2.42	2.14	1.93
512-RHRP30120	RHRP30120	TO-220	Single	1200V	30A	3V	75ns	2.16	1.73	1.42	1.23
512-RHRG5060	RHRG5060	TO-247	Single	600V	50A	2.1V	50ns	4.30	3.45	3.15	2.81
512-RHRG75120	RHRG75120	TO-247	Single	1200V	75A	3.2V	100ns	4.96	4.45	3.94	3.56
512-RHRG1560CC	RHRG1560CC	TO-247	Common Cathode	600V	15A	1.5V	60ns	3.24	2.64	2.35	2.13

BRIDGE RECTIFIERS



Surface Mount

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MOUSER STOCK NO.	Fairchild Part No.	Package	V _{RRM} (V)	I _{FAV} (A)	V _{FM} (V)	Price Each				MOUSER STOCK NO.	Fairchild Part No.	Package	V _{RRM} (V)	I _{FAV} (A)	V _{FM} (V)	Price Each			
						1	25	100	250							1	25	100	250
512-DF005M	DF005M	DIP-4	50	1.5	1.1	.43	.316	.271	.235	512-GBPC3504W	GBPC3504W	GBPC-W	400	35	1.1	3.31	2.76	1.81	1.39
512-DF005S	DF005S	DIP-4	50	1.5	1.1	.62	.485	.331	.276	512-MB6S	MB6S	SOIC-4	600	0.5	1	.57	.374	.307	.256
512-GBU6A	GBU6A	GBU	50	6	1	.99	.676	.609	.492	512-MDB6S	MDB6S	MicroDIP	600	1	1.1	.41	.33	.25	.18
512-GBU8A	GBU8A	GBU	50	8	1	1.17	.847	.659	.509	512-DF06M	DF06M	DIP-4	600	1.5	1.1	.35	.26	.221	.172
512-DFB2005	DFB2005	TS-6P	50	20	1.1	1.30	1.04	.78	.73	512-DF06S	DF06S	DIP-4	600	1.5	1.1	.37	.274	.233	.181
512-DFB2505	DFB2505	TS-6P	50	25	1	1.50	1.20	.90	.84	512-GBU6J	GBU6J	GBU	600	6	1	.99	.723	.658	.566
512-GBPC25005W	GBPC25005W	GBPC-W	50	25	1.1	3.39	2.00	1.70	1.42	512-GBU8J	GBU8J	GBU	600	8	1	1.32	.964	.785	.579
512-MB1S	MB1S	SOIC-4	100	0.5	1	.52	.339	.278	.232	512-DFB2060	DFB2060	TS-6P	600	20	1.1	1.57	1.44	1.26	1.12
512-DF01M	DF01M	DIP-4	100	1.5	1.1	.44	.329	.282	.245	512-DFB2560	DFB2560	TS-6P	600	25	1	1.82	1.71	1.46	1.30
512-DF01S	DF01S	DIP-4	100	1.5	1.1	.31	.234	.199	.155	512-GBPC2506	GBPC2506	GBPC	600	25	1.1	2.90	1.69	1.26	1.23
512-GBU4B	GBU4B	GBU	100	4	1	.89	.647	.582	.448	512-GBPC2506W	GBPC2506W	GBPC-W	600	25	1.1	3.08	2.57	1.67	1.31
512-GBU6B	GBU6B	GBU	100	6	1	.99	.676	.609	.492	512-GBPC3506	GBPC3506	GBPC	600	35	1.1	3.07	1.78	1.32	1.28
512-GBU8B	GBU8B	GBU	100	8	1	1.17	.847	.659	.509	512-GBPC3506W	GBPC3506W	GBPC-W	600	35	1.1	3.16	2.64	1.72	1.32
512-GBPC1201	GBPC1201	GBPC	100	12	1.1	2.71	1.57	1.17	1.12	512-MB8S	MB8S	SOIC-4	800	0.5	1	.59	.389	.319	.266
512-DFB2010	DFB2010	TS-6P	100	20	1.1	1.30	1.04	.78	.73	512-MDB8S	MDB8S	MicroDIP	800	1	1.1	.41	.33	.25	.18
512-DFB2510	DFB2510	TS-6P	100	25	1	1.50	1.20	.90	.84	512-DF08M	DF08M	DIP-4	800	1.5	1.1	.38	.286	.243	.189
512-GBPC3501	GBPC3501	GBPC	100	35	1.1	3.07	1.78	1.32	1.28	512-DF08S	DF08S	DIP-4	800	1.5	1.1	.57	.453	.339	.293
512-GBPC3501W	GBPC3501W	GBPC-W	100	35	1.1	3.16	1.72	1.31	1.31	512-GBU4K	GBU4K	GBU	800	4	1	.99	.72	.623	.566
512-MB2S	MB2S	SOIC-4	200	0.5	1	.52	.31	.219	.169	512-GBU6K	GBU6K	GBU	800	6	1	1.02	.742	.614	.449
512-DF02M	DF02M	DIP-4	200	1.5	1.1	.33	.248	.211	.164	512-GBPC1208	GBPC1208	GBPC	800	12	1.1	2.71	1.57	1.17	1.12
512-DF02S	DF02S	DIP-4	200	1.5	1.1	.33	.236	.213	.158	512-DFB2080	DFB2080	TS-6P	800	20	1.1	1.30	1.04	.78	.73
512-GBU4D	GBU4D	GBU	200	4	1	.89	.647	.582	.448	512-DFB2580	DFB2580	TS-6P	800	25	1	1.50	1.20	.90	.84
512-GBPC1202W	GBPC1202W	GBPC-W	200	12	1.1	2.71	1.57	1.17	1.12	512-GBPC2508W	GBPC2508W	GBPC-W	800	25	1.1	3.08	1.79	1.34	1.31
512-GBPC1502	GBPC1502	GBPC	200	15	1.1	2.84	1.65	1.23	1.20	512-GBPC3508	GBPC3508	GBPC	800	35	1.1	3.07	1.78	1.32	1.28
512-DFB2020	DFB2020	TS-6P	200	20	1.1	1.30	1.04	.78	.73	512-GBPC3508W	GBPC3508W	GBPC-W	800	35	1.1	3.16	1.94	1.72	1.32
512-DFB2520	DFB2520	TS-6P	200	25	1	1.50	1.20	.90	.84	512-MDB10S	MDB10S	MicroDIP	1000	1	1.1	.41	.33	.25	.18
512-GBPC2502	GBPC2502	GBPC	200	25	1.1	2.90	2.34	2.10	1.86	512-DF10M	DF10M	DIP-4	1000	1.5	1.1	.39	.288	.245	.191
512-GBPC2502W	GBPC2502W	GBPC-W	200	25	1.1	3.08	2.57	1.67	1.31	512-DF10S	DF10S	DIP-4	1000	1.5	1.1	.38	.286	.243	.189
512-GBPC3502W	GBPC3502W	GBPC-W	200	35	1.1	3.31	1.92	1.43	1.38	512-GBU4M	GBU4M	GBU	1000	4	1	.87	.723	.58	.559
512-MB4S	MB4S	SOIC-4	400	0.5	1	.57	.374	.307	.256	512-GBU6M	GBU6M	GBU	1000	6	1	1.06	.771	.627	.465
512-DF04M	DF04M	DIP-4	400	1.5	1.1	.35	.26	.221	.172	512-GBU8M	GBU8M	GBU	1000	8	1	1.23	.98	.809	.645
512-DF04S	DF04S	DIP-4	400	1.5	1.1	.35	.263	.223	.174	512-GBPC1210	GBPC1210	GBPC	1000	12	1.1	2.71	1.57	1.17	1.12
512-GBU4G	GBU4G	GBU	400	4	1	1.03	.70	.639	.47	512-GBPC1210W	GBPC1210W	GBPC-W	1000	12	1.1	2.71	1.57	1.17	1.12
512-GBPC1204	GBPC1204	GBPC	400	12	1.1	2.71	1.57	1.17	1.12	512-GBPC1510W	GBPC1510W	GBPC-W	1000	15	1.1	2.84	1.74	1.54	1.20
512-GBPC1504	GBPC1504	GBPC	400	15	1.1	2.84	1.65	1.23	1.20	512-DFB20100	DFB20100	TS-6P	1000	20	1.1	1.30	1.04	.78	.73
512-DFB2040	DFB2040	TS-6P	400	20	1.1	1.30	1.04	.78	.73	512-DFB25100	DFB25100	TS-6P	1000	25	1	1.50	1.20	.90	.84
512-DFB2540	DFB2540	TS-6P	400	25	1	1.50	1.20	.90	.84	512-GBPC2510	GBPC2510	GBPC	1000	25	1.1	2.90	1.69	1.26	1.23
512-GBPC2504	GBPC2504	GBPC	400	25	1.1	2.90	1.69	1.26	1.23	512-GBPC2510W	GBPC2510W	GBPC-W	1000	25	1.1	3.08	1.79	1.34	1.31
512-GBPC2504W	GBPC2504W	GBPC-W	400	25	1.1	3.08	1.79	1.34	1.31	512-GBPC3510	GBPC3510	GBPC	1000	35	1.1	2.55	2.47	2.22	1.97
512-GBPC3504	GBPC3504	GBPC	400	35	1.1	3.07	1.78	1.32	1.28	512-GBPC3510W	GBPC3510W	GBPC-W	1000	35	1.1	3.30	1.92	1.43	1.37