

FAIRCHILD Rectifiers

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

FAIRCHILD
SEMICONDUCTOR
◆ Surface Mount

Diodes & Rectifiers
Fairchild

FAIRCHILD SEMICONDUCTOR HYPERFAST RECOVERY RECTIFIERS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fairchild Part Number	Package	Configuration	Max Repetitive Reverse Voltage	Avg Rectified Forward Current	Max Instantaneous Forward Current	Max Reverse Recovery Time	Price Each			
								1	25	100	250
512-FFP04H60STU	FFP04H60STU	TO-220	Single	600V	4A	2.1V	35ns	.75	.68	.60	.45
512-FFP04S60STU	FFP04S60STU	TO-220	Single	600V	4A	2.6V	23ns	.80	.68	.553	.414
512-FFPF04S60STU	FFPF04S60STU	TO-220F	Single	600V	4A	2.6V	23ns	.62	.592	.495	.374
512-FFP08H60STU	FFP08H60STU	TO-220	Single	600V	8A	2.1V	35ns	.85	.765	.628	.471
512-FFPF08H60STU	FFPF08H60STU	TO-220F	Single	600V	8A	2.1V	35ns	.86	.824	.688	.543
512-FFH15S60STU	FFH15S60STU	TO-247	Single	600V	15A	2.6V	30ns	1.71	1.36	1.02	.956
512-FFP15S60STU	FFP15S60STU	TO-220	Single	600V	15A	2.6V	30ns	1.24	1.04	.85	.639
512-FFPF15S60STU	FFPF15S60STU	TO-220F	Single	600V	15A	2.6V	25ns	.63	.603	.573	.544
512-RHRP1560	RHRP1560	TO-220	Single	600V	15A	2.1V	40ns	1.28	1.06	.856	.641
512-FFH30S60STU	FFH30S60STU	TO-247	Single	600V	30A	2.6V	35ns	2.49	1.99	1.49	1.39
512-FFP30S60STU	FFP30S60STU	TO-220	Single	600V	30A	2.6V	35ns	1.62	1.29	.969	.904
512-RHRP3060	RHRP3060	TO-220	Single	600V	30A	2.1V	45ns	2.33	1.94	1.71	.942
◆ 512-RHRD660S9A	RHRD660S9A	TO-252	Single	600V	6A	2.1V	35ns	.95	.79	.697	.668
512-RHRG5060	RHRG5060	TO-247	Single	600V	50A	2.1V	50ns	4.89	4.07	1.99	1.97
512-RHRP8120	RHRP8120	TO-220	Single	1200V	8A	3.2V	70ns	.89	.742	.60	.449
512-RHRP15120	RHRP15120	TO-220	Single	1200V	15A	3.2V	75ns	1.72	1.43	1.26	.703
512-RHRG30120	RHRG30120	TO-247	Single	1200V	30A	3.2V	75ns	2.21	1.77	1.38	1.35
512-RHRP30120	RHRP30120	TO-220	Single	1200V	30A	3V	75ns	1.65	1.38	1.02	1.00
512-RHRG75120	RHRG75120	TO-247	Single	1200V	75A	3.2V	100ns	4.06	3.25	2.52	2.50
512-RHRG1560CC	RHRG1560CC	TO-247	Common Cathode	600V	15A	1.5V	60ns	3.41	2.86	1.40	1.38

FAIRCHILD SEMICONDUCTOR BRIDGE RECTIFIERS

◆ Surface Mount

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MOUSER STOCK NO.	Fairchild Part Number	Package	V _{RRM} (V)	I _{FAV} (A)	V _{FM} (V)	Price Each			
						1	10	100	250
512-GBPC12005W	GBPC12005W	GBPC-W	50	12	1.1	2.45	1.42	1.06	1.02
512-GBPC25005W	GBPC25005W	GBPC-W	50	25	1.1	2.68	2.23	1.45	1.14
512-DF005M	DF005M	DIP-4	50	1.5	1.1	.33	.266	.234	.18
512-DF005S	DF005S	DIP-4	50	1.5	1.1	.31	.266	.24	.18
512-KBP005M	KBP005M	KBPM	50	1.5	1.3	.53	.438	.38	.276
512-2KBP005M	2KBP005M	KBPM	50	2	1.1	.50	.352	.293	.274
512-KBL005	KBL005	KBL	50	4	1.1	.79	.695	.417	.35
512-GBU6A	GBU6A	GBU	50	6	1	.99	.676	.609	.492
512-GBU8A	GBU8A	GBU	50	8	1	1.17	.847	.659	.509
512-KBU8A	KBU8A	KBU	50	8	1	1.20	.99	.731	.548
512-2KBP01M	2KBP01M	KBPM	100	2	1.1	.50	.352	.293	.274
512-KBL01	KBL01	KBL	100	4	1.1	.79	.695	.417	.35
512-KBU4B	KBU4B	KBU	100	4	1	1.20	1.05	.527	.46
512-KBU6B	KBU6B	KBU	100	6	1	1.20	1.05	.527	.46
◆ 512-MB1S	MB1S	SOIC-4	100	0.5	1	.27	.237	.209	.161
512-3N247	3N247	KBPM	100	1.5	1.3	.44	.39	.345	.293
512-DF01M	DF01M	DIP-4	100	1.5	1.1	.33	.266	.234	.18
512-DF01S	DF01S	DIP-4	100	1.5	1.1	.39	.333	.234	.18
512-3N254	3N254	KBPM	100	2	1.1	.50	.352	.293	.274
512-GBU4B	GBU4B	GBU	100	4	1	.89	.647	.582	.448
512-GBU6B	GBU6B	GBU	100	6	1	.99	.676	.609	.492
512-GBU8B	GBU8B	GBU	100	8	1	1.17	.847	.659	.509
512-KBU8B	KBU8B	KBU	100	8	1	1.20	.99	.731	.548
512-GBPC1201	GBPC1201	GBPC	100	12	1.1	2.45	1.42	1.06	1.02
512-GBPC3501	GBPC3501	GBPC	100	35	1.1	2.78	1.61	1.20	1.16
512-GBPC3501W	GBPC3501W	GBPC-W	100	35	1.1	2.90	2.42	1.58	1.21
512-2KBP02M	2KBP02M	KBPM	200	2	1.1	.50	.352	.293	.274
512-GBPC1502	GBPC1502	GBPC	200	15	1.1	2.58	1.50	1.12	1.09
◆ 512-MB2S	MB2S	SOIC-4	200	0.5	1	.33	.304	.209	.161
512-DF02M	DF02M	DIP-4	200	1.5	1.1	.31	.266	.24	.18
512-DF02S	DF02S	DIP-4	200	1.5	1.1	.33	.266	.234	.18
512-KBP02M	KBP02M	KBPM	200	1.5	1.3	.53	.438	.38	.276
512-3N255	3N255	KBPM	200	2	1.1	.50	.352	.293	.274
512-GBU4D	GBU4D	GBU	200	4	1	.89	.647	.582	.448
512-KBL02	KBL02	KBL	200	4	1.1	.79	.695	.417	.35
512-KBU4D	KBU4D	KBU	200	4	1	1.20	1.05	.527	.46
512-KBU6D	KBU6D	KBU	200	6	1	1.20	1.05	.527	.46
512-GBPC1202W	GBPC1202W	GBPC-W	200	12	1.1	2.45	1.42	1.06	1.02
512-GBPC2502	GBPC2502	GBPC	200	25	1.1	1.86	1.56	1.17	1.08
512-GBPC2502W	GBPC2502W	GBPC-W	200	25	1.1	2.68	2.23	1.45	1.14
512-GBPC3502W	GBPC3502W	GBPC-W	200	35	1.1	2.90	1.69	1.26	1.21
512-3N256	3N256	KBPM	400	2	1.1	.55	.39	.371	.333
◆ 512-MB4S	MB4S	SOIC-4	400	0.5	1	.36	.333	.23	.171
512-DF04M	DF04M	DIP-4	400	1.5	1.1	.32	.266	.246	.18
512-DF04S	DF04S	DIP-4	400	1.5	1.1	.33	.266	.234	.18
512-KBP04M	KBP04M	KBPM	400	1.5	1.3	.57	.352	.293	.274
512-2KBP04M	2KBP04M	KBPM	400	2	1.1	.52	.39	.293	.216
512-GBU4G	GBU4G	GBU	400	4	1	.99	.676	.609	.448
512-KBL04	KBL04	KBL	400	4	1.1	.79	.695	.417	.35
512-KBU4G	KBU4G	KBU	400	4	1	1.20	1.05	.527	.46
512-KBU6G	KBU6G	KBU	400	6	1	1.50	1.31	.659	.592
512-KBU8G	KBU8G	KBU	400	8	1	1.67	1.46	.731	.548
512-GBPC1204	GBPC1204	GBPC	400	12	1.1	2.45	1.42	1.06	1.02

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						1	10	100	250
512-GBPC1504	GBPC1504	GBPC	400	15	1.1	2.58	1.50	1.12	1.09
512-GBPC2504	GBPC2504	GBPC	400	25	1.1	2.68	1.56	1.17	1.14
512-GBPC2504W	GBPC2504W	GBPC-W	400	25	1.1	2.68	1.56	1.17	1.14
512-GBPC3504	GBPC3504	GBPC	400	35	1.1	2.78	1.61	1.20	1.16
512-GBPC3504W	GBPC3504W	GBPC-W	400	35	1.1	2.94	2.45	1.60	1.23
512-3N250	3N250	KBPM	600	1.5	1.3	.48	.342	.323	.285
◆ 512-MB6S	MB6S	SOIC-4	600	0.5	1	.36	.333	.23	.171
512-DF06M	DF06M	DIP-4	600	1.5	1.1	.33	.276	.234	.193
512-DF06S	DF06S	DIP-4	600	1.5	1.1	.32	.276	.251	.19
512-2KBP06M	2KBP06M	KBPM	600	2	1.1	.55	.39	.371	.333
512-3N257	3N257	KBPM	600	2	1.1	.55	.39	.371	.333
512-KBL06	KBL06	KBL	600	4	1.1	.79	.695	.417	.35
512-KBU4J	KBU4J	KBU	600	4	1	1.23	1.08	.538	.472
512-GBU6J	GBU6J	GBU	600	6	1	.99	.723	.658	.566
512-KBU6J	KBU6J	KBU	600	6	1	1.50	1.31	.659	.592
512-KBU8J	GBU8J	GBU	600	8	1	1.27	.923	.752	.555
512-KBU8J	KBU8J	KBU	600	8	1	1.67	1.46	.731	.548
512-GBPC2506	GBPC2506	GBPC	600	25	1.1	2.68	1.56	1.17	1.14
512-GBPC2506W	GBPC2506W	GBPC-W	600	25	1.1	2.68	1.56	1.17	1.14
512-GBPC3506	GBPC3506	GBPC	600	35	1.1	2.78	1.61	1.20	1.16
512-GBPC3506W	GBPC3506W	GBPC-W	600	35	1.1	2.94	2.45	1.60	1.23
512-DF08M	DF08M	DIP-4	800	1.5	1.1	.33	.285	.251	.19
512-3N258	3N258	KBPM	800	2	1.1	.56	.418	.314	.232
512-GBU4K	GBU4K	GBU	800	4	1	.99	.723	.658	.566
512-KBU4K	KBU4K	KBU	800	4	1	1.23	1.08	.538	.472
512-GBPC1208	GBPC1208	GBPC	800	12	1.1	2.45	1.42	1.06	1.02
◆ 512-MB8S	MB8S	SOIC-4	800	0.5	1	.32	.276	.24	.19
512-DF08S	DF08S	DIP-4	800	1.5	1.1	.33	.285	.251	.188
512-2KBP08M	2KBP08M	KBPM	800	2	1.1	.55	.39	.371	.333
512-KBL08	KBL08	KBL	800	4	1.1	.79	.695	.417	.35
512-GBU6K	GBU6K	GBU	800	6	1	1.02	.742	.614	.449
512-KBU6K	KBU6K	KBU	800	6	1	1.50	1.31	.659	.592
512-GBPC2508W	GBPC2508W	GBPC-W	800	25	1.1	2.68	1.56	1.17	1.14
512-GBPC3508	GBPC3508	GBPC	800	35	1.1	2.78	1.61	1.20	1.16
512-GBPC3508W	GBPC3508W	GBPC-W	800	35	1.1	2.94	2.45	1.60	1.23
512-GBU4M	GBU4M	GBU	1000	4	1	.87	.723	.58	.523
512-GBU8M	GBU8M	GBU	1000	8	1	1.23	.98	.809	.645
512-GBPC1210	GBPC1210	GBPC	1000	12	1.1	2.45	1.42	1.06	1.02
512-GBPC2510	GBPC2510	GBPC	1000	25	1.1	2.68	1.56	1.17	1.14
512-GBPC2510W	GBPC2510W	GBPC-W	1000	25	1.1	2.68	1.56	1.17	1.14
512-3N252	3N252	KBPM	1000	1.5	1.3	.50	.352	.293	.274
512-DF10M	DF10M	DIP-4	1000	1.5	1.1	.40	.352	.314	.261
512-DF10S	DF10S	DIP-4	1000	1.5	1.1	.40	.342	.274	.228
512-2KBP10M	2KBP10M	KBPM	1000	2	1.1	.64	.457	.398	.39
512-3N259	3N259	KBPM	1000	2	1.1	.64	.457	.398	.39
512-KBL10	KBL10								