

# FAIRCHILD Rectifiers

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



## FAIRCHILD SEMICONDUCTOR SCHOTTKY BARRIER RECTIFIERS

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

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MOUSER STOCK NO.	Fairchild Part Number	Package	V <sub>RRM</sub> (V)	I <sub>FAV</sub> (A)	Price Each			
					1	25	100	250
<b>Single</b>								
512-1N5820	1N5820	DO-201AD	20	3				
◆ 512-MBR0520L	MBR0520L	SOD-123	20	0.5				
◆ 512-MBRS320	MBRS320	SMC	20	3				
512-SB120	SB120	DO-41	20	1				
512-SB320	SB320	DO-201AD	20	3				
512-SB520	SB520	DO-201AD	20	5				
◆ 512-SS12	SS12	SMA	20	1				
◆ 512-SS22	SS22	SMB-2	20	2				
◆ 512-SS32	SS32	SMC	20	3				
512-1N5818	1N5818	DO-41	30	1				
◆ 512-BAR43	BAR43	SOT-23	30	0.2				
◆ 512-BAT54	BAT54	SOT-23	30	0.3				
◆ 512-MBR0530	MBR0530	SOD-123	30	0.5				
◆ 512-MBRS130L	MBRS130L	SMB	30	1				
512-SB530	SB530	DO-201AD	30	5				
◆ 512-SS13	SS13	SMA	30	1				
◆ 512-SS23	SS23	SMB	30	2				
◆ 512-SS33	SS33	SMC-2	30	3				
512-1N5817	1N5817	DO-41	40	1				
512-1N5819	1N5819	DO-41	40	1				
512-1N5822	1N5822	DO-201AD	40	3				
◆ 512-FYD0504SATM	FYD0504SATM	TO-252	40	5				
◆ 512-FYV0704SMTF	FYV0704SMTF	SOT-23	40	0.75				
◆ 512-MBR0540	MBR0540	SOD-123	40	0.5				
◆ 512-MBRS140	MBRS140	SMB	40	1				
◆ 512-MBRS340	MBRS340	SMC	40	3				
512-SB140	SB140	DO-41	40	1				
512-SB340	SB340	DO-201AD	40	3				
512-SB540	SB540	DO-201AD	40	5				
◆ 512-SS14	SS14	SMA	40	1				
◆ 512-SS24	SS24	SMB	40	2				
◆ 512-SS34	SS34	SMC	40	3				
512-MBR1045	MBR1045	TO-220AC	45	10				
512-MBR1645	MBR1645	TO-220AC	45	16				
512-MBR745	MBR745	TO-220AC	45	7.5				
◆ 512-RS1A	RS1A	SMA	50	1				
◆ 512-SB150	SB150	SIP-4	50	1				
512-SB350	SB350	DO-201AD	50	3				
512-SB550	SB550	DO-201AD	50	5				
◆ 512-SS25	SS25	SMB	50	2				
◆ 512-SS35	SS35	SMC	50	3				
512-MBR760	MBR760	TO-220	60	7.5				
512-MBR1060	MBR1060	TO-220AC	60	10				
512-MBR1660	MBR1660	TO-220AC	60	16				
512-SB160	SB160	DO-41	60	1				
512-SB360	SB360	DO-201AD	60	3				
512-SB560	SB560	DO-201AD	60	5				
◆ 512-SS16	SS16	SMA	60	1				
◆ 512-SS26	SS26	SMB	60	2				

MOUSER STOCK NO.	Fairchild Part Number	Package	V <sub>RRM</sub> (V)	I <sub>FAV</sub> (A)	Price Each			
					1	25	100	250
<b>Single (cont.)</b>								
◆ 512-SS36	SS36	SMC	60	3				
512-SB180	SB180	DO-41	80	1				
512-SB380	SB380	DO-201AD	80	3				
◆ 512-SS18	SS18	SMA	80	1				
◆ 512-SS28	SS28	SMB	80	2				
512-SB580	SB580	DO-201AD	80	5				
◆ 512-SS38	SS38	SMC	80	3				
◆ 512-SS29	SS29	SMB	90	2				
◆ 512-RS1B	RS1B	SMA	100	1				
◆ 512-S100	S100	SMA-2	100	1				
◆ 512-S210	S210	SMB	100	2				
◆ 512-S310	S310	SMC	100	3				
512-SB1100	SB1100	DO-41	100	1				
512-SB3100	SB3100	DO-201AD	100	3				
512-SB5100	SB5100	DO-201AD	100	5				
◆ 512-RS1D	RS1D	SMA	200	1				
◆ 512-RS1G	RS1G	SMA	400	1				
◆ 512-RS1J	RS1J	SMA	600	1				
◆ 512-RS1K	RS1K	SMA	800	1				
◆ 512-RS1M	RS1M	SMA	1000	1				
<b>Dual &amp; Common Anode</b>								
◆ 512-BAT54A	BAT54A	SOT-23	30	0.3				
<b>Dual &amp; Common Cathode</b>								
◆ 512-BAR43C	BAR43C	SOT-23	30	0.2				
◆ 512-FYV0203DNMTF	FYV0203DNMTF	SOT-23-3	30	0.2				
◆ 512-BAT54AD87Z	BAT54AD87Z	SOT-23-3	30	0.3				
◆ 512-BAT54C	BAT54C	SOT-23	30	0.3				
◆ 512-BAT54CWT1G	BAT54CWT1G	SOT-323	30	0.2				
512-MBR1535CT	MBR1535CT	TO-220AB	35	15				
512-FYP1004DNTU	FYP1004DNTU	TO-220	40	10				
512-MBR1545CT	MBR1545CT	TO-220AB	45	15				
512-MBR2545CT	MBR2545CT	TO-220AB	45	30				
512-MBRP3045NTU	MBRP3045NTU	TO-220	45	30				
512-MBR3045PT	MBR3045PT	TO-247	45	30				
512-MBR4045PT	MBR4045PT	TO-247	45	40				
512-MBR1560CT	MBR1560CT	TO-220AB	60	15				
512-FYP2006DNTU	FYP2006DNTU	TO-220	60	20				
512-FYPP2006DNTU	FYPP2006DNTU	TO-220F	60	20				
512-MBR3060PT	MBR3060PT	TO-247	60	30				
512-MBR4060PT	MBR4060PT	TO-247	60	40				
512-FYP1010DNTU	FYP1010DNTU	TO-220	100	10				
512-FYP2010DNTU	FYP2010DNTU	TO-220	100	20				
512-FYPP2010DNTU	FYPP2010DNTU	TO-220F	100	20				
512-MBRP3010NTU	MBRP3010NTU	TO-220	100	30				
<b>Dual Series</b>								
◆ 512-BAR43S	BAR43S	SOT-23	30	0.2				
◆ 512-BAT54S	BAT54S	SOT-23	30	0.3				
512-BAT54SWT1G	BAT54SWT1G	SOT-323	30	0.2				

## FAIRCHILD SEMICONDUCTOR GENERAL PURPOSE RECTIFIERS

◆ Surface Mount Device

Single For quantities of 500 and up, call for quote.

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MOUSER STOCK NO.	Fairchild Part Number	Package	V <sub>RRM</sub> (V)	I <sub>FAV</sub> (A)	V <sub>FM</sub> (V)	Price Each			
						1	25	100	250
512-1N4001	1N4001	DO-41	50	1	1.1V				
◆ 512-GF1A	GF1A	SMA	50	1	1V				
◆ 512-S1A	S1A	SMA	50	1	1.1V				
512-1N5391	1N5391	DO-15	50	1.5	1.4V				
◆ 512-S2A	S2A	SMB	50	1.5	1.15V				
512-1N5400	1N5400	DO-201AD	50	3	1.2V				
◆ 512-S3A	S3A	SMC	50	3	1.2V				
512-1N4002	1N4002	DO-41	100	1	1.1V				
◆ 512-S1B	S1B	SMA	100	1	1.1V				
512-1N5392	1N5392	DO-15	100	1.5	1.4V				
◆ 512-S2B	S2B	SMB	100	1.5	1.15V				
512-1N5401	1N5401	DO-201AD	100	3	1.2V				
◆ 512-S3B	S3B	SMC	100	3	1.2V				
512-1N4003	1N4003	DO-41	200	1	1.1V				
◆ 512-GF1D	GF1D	SMA	200	1	1V				
◆ 512-S1D	S1D	SMA	200	1	1.1V				
512-1N5393	1N5393	DO-15	200	1.5	1.4V				
◆ 512-S2D	S2D	SMB	200	1.5	1.15V				
512-1N5402	1N5402	DO-201AD	200	3	1.2V				
◆ 512-S3D	S3D	SMC	200	3	1.2V				
512-1N5403	1N5403	DO-201AD	300	3	1.2V				
512-1N4004	1N4004	DO-41	400	1	1.1V				
◆ 512-GF1G	GF1G	SMA	400	1	1V				

MOUSER STOCK NO.	Fairchild Part Number	Package	V <sub>RRM</sub> (V)	I <sub>FAV</sub> (A)	V <sub>FM</sub> (V)	Price Each			
						1	25	100	250
◆ 512-S1G	S1G	SMA	400	1	1.1V				
512-1N5395	1N5395	DO-15	400	1.5	1.4V				
◆ 512-S2G	S2G	SMB	400	1.5	1.15V				
512-1N5404	1N5404	DO-201AD	400	3	1.2V				
◆ 512-S3G	S3G	SMC	400	3	1.2V				
512-1N5405	1N5405	DO-201AD	500	3	1.2V				
512-1N4005	1N4005	DO-41	600	1	1.1V				
◆ 512-S1J	S1J	SMA	600	1	1.1V				
512-1N5397	1N5397	DO-15	600	1.5	1.4V				
◆ 512-S2J	S2J	SMB	600	1.5	1.15V				
512-1N5406	1N5406	DO-201AD	600	3	1.2V				
◆ 512-S3J	S3J	SMC	600	3	1.2V				
512-1N4006	1N4006	DO-41	800	1	1.1V				
◆ 512-GF1K	GF1K	SMA	800	1	1.2V				
512-1N5398	1N5398	DO-15	800	1.5	1.4V				
512-1N5407	1N5407	DO-201AD	800	3	1.2V				
512-1									