

FAIRCHILD Diodes and Rectifiers

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



Diodes & Rectifiers

Fairchild

NEW AT MOUSER

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STEALTH™ DIODES (CONT.)

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	Max. Repetitive Reverse Voltage	Avg. Rectified Forward Current	Max. Instantaneous Forward Voltage	Max. Reverse Recovery Time	Price Each			
							1	25	100	250
512-FFP08S60SNTU	FFP08S60SNTU	TO-220AC	600V	8A	3.4V	25ns	.69	.60	.552	.50
512-FFP08S60STU	FFP08S60STU	TO-220	600V	8A	2.6V	25ns	.88	.796	.698	.539
512-FFP08H60STU	FFP08H60STU	TO-220F	600V	8A	2.1V	35ns	1.00	.80	.70	.60
512-FFP08S60SNTU	FFP08S60SNTU	TO-220F	600V	8A	3.4V	32ns	.96	.95	.764	.67
512-FFP08S60STU	FFP08S60STU	TO-220F	600V	8A	2.6V	25ns	1.32	1.05	.924	.802
512-ISL9R860P2	ISL9R860P2	TO-220AC	600V	8A	2.4V	30ns	.92	.802	.64	.542
512-ISL9R860PF2	ISL9R860PF2	TO-220F	600V	8A	2.4V	25ns	.80	.67	.549	.52
512-ISL9R860S3ST	ISL9R860S3ST	TO-263	600V	8A	2.4V	30ns	1.48	1.17	1.05	.909
512-ISL9R8120P2	ISL9R8120P2	TO-220AC	1200V	8A	3.3V	44ns	1.44	1.14	1.00	.873
512-FFH15S60STU	FFH15S60STU	TO-247	600V	15A	2.6V	30ns	1.48	1.35	1.23	1.13
512-FFP15S60STU	FFP15S60STU	TO-220AC	600V	15A	2.6V	30ns	1.41	1.12	.987	.866
512-FFP15S60STU	FFP15S60STU	TO-220F	600V	15A	2.6V	25ns	1.41	1.12	.987	.866
512-ISL9R1560P2	ISL9R1560P2	TO-220AC	600V	15A	2.2V	40ns	1.49	1.33	1.16	1.03
512-ISL9R1560PF2	ISL9R1560PF2	TO-220F	600V	15A	2.2V	40ns	1.68	1.30	1.17	1.04
512-ISL9R1560S3ST	ISL9R1560S3ST	TO-263	600V	15A	2.2V	40ns	2.08	1.85	1.62	1.44
512-ISL9R18120G2	ISL9R18120G2	TO-247	1200V	18A	3.3V	70ns	2.93	2.62	2.32	2.08
512-FFH30S60STU	FFH30S60STU	TO-247	600V	30A	2.6V	35ns	2.85	2.30	2.07	1.84
512-FFP30S60STU	FFP30S60STU	TO-220AC	600V	30A	2.6V	35ns	1.89	1.52	1.37	1.22
512-ISL9R3060G2	ISL9R3060G2	TO-247	600V	30A	2.4V	45ns	3.04	2.73	2.42	2.18
512-ISL9R3060P2	ISL9R3060P2	TO-220AC	600V	30A	2.4V	45ns	2.86	2.56	2.27	2.05
512-ISL9R30120G2	ISL9R30120G2	TO-247	1200V	30A	3.3V	100ns	3.23	2.90	2.57	2.32
512-FFH50US60S	FFH50US60S	TO-247	600V	50A	1.54V	80ns	3.66	3.29	2.91	2.63

SCHOTTKY BARRIER RECTIFIERS

For quantities greater than listed, call for quote.

◆ Surface Mount Device
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Description	V _{RRM} (V)	I _{FAV} (A)	Price Each		
					1	25	100
Single							
◆ 512-MBR0520L	MBR0520L	SOD-123	20	0.5	.13	.12	.105
512-SB120	SB120	DO-41	20	1.0	.49	.27	.209
◆ 512-SS12	SS12	DO-214AC	20	1.0	.24	.221	.181
◆ 512-SS22	SS22	DO-214AA	20	2.0	.35	.29	.265
◆ 512-IN5820	1N5820	DO-201AD	20	3.0	.44	.38	.321
◆ 512-MBRS320	MBRS320	DO-214AB	20	3.0	.44	.29	.244
◆ 512-SB320	SB320	DO-201AD	20	3.0	.52	.37	.313
◆ 512-SS32	SS32	DO-214AB	20	3.0	.52	.45	.379
◆ 512-SB520	SB520	DO-201AD	20	5.0	.49	.46	.361
◆ 512-BAR43	BAR43	SOT-23	30	0.2	.13	.073	.068
◆ 512-BAT54XV2	BAT54XV2	SOD-523F	30	0.2	.29	.21	.136
◆ 512-RB520S30	RB520S30	SOD-523F	30	0.2	.25	.17	.086
◆ 512-RB521S30	RB521S30	SOD-523F	30	0.2	.25	.17	.086
◆ 512-BAT54	BAT54	SOT-23	30	0.3	.09	.051	.048
◆ 512-BAT54D87Z	BAT54_D87Z	SOT-23	30	0.3	.24	.17	.104
◆ 512-MBR0530	MBR0530	SOD-123	30	0.5	.11	.102	.084
◆ 512-IN5818	1N5818	DO-41	30	1.0	.20	.19	.156
◆ 512-FMKA130L	FMKA130L	DO-214AC	30	1.0	.41	.34	.267
◆ 512-MBRS130	MBRS130	DO-214AA	30	1.0	.32	.30	.246
◆ 512-MBRS130L	MBRS130L	DO-214AA	30	1.0	.32	.30	.246
◆ 512-SS13	SS13	DO-214AC	30	1.0	.41	.33	.264
◆ 512-BAT54HT1G	BAT54HT1G	SOD-323	30	2.0	.36	.26	.166
◆ 512-SS23	SS23	DO-214AA	30	2.0	.29	.247	.202
◆ 512-IN5821	1N5821	DO-201AD	30	3.0	.44	.38	.321
◆ 512-SS33	SS33	DO-214AB	30	3.0	.52	.45	.379
◆ 512-SB530	SB530	DO-201AD	30	5.0	.44	.29	.244
◆ 512-RB751S40	RB751S40	SOD-523F	40	0.03	.25	.17	.086
◆ 512-BAS40SL	BAS40SL	SOD-923	40	0.1	.42	.30	.191
◆ 512-MBR0540	MBR0540	SOD-123	40	0.5	.12	.11	.091
◆ 512-FYV0704SMTF	FYV0704SMTF	SOT-23	40	0.75	.29	.267	.219
◆ 512-IN5817	1N5817	DO-41	40	1.0	.20	.19	.156
◆ 512-IN5819	1N5819	DO-41	40	1.0	.20	.19	.156
◆ 512-MBRS140	MBRS140	DO-214AA	40	1.0	.32	.30	.246
512-SB140	SB140	DO-41	40	1.0	.21	.20	.164
◆ 512-SS14	SS14	DO-214AC	40	1.0	.25	.23	.188
◆ 512-SS24	SS24	DO-214AA	40	2.0	.35	.29	.265
◆ 512-IN5822	1N5822	DO-201AD	40	3.0	.44	.38	.321
◆ 512-MBRS340	MBRS340	DO-214AB	40	3.0	.57	.49	.42
◆ 512-SB340	SB340	DO-201AD	40	3.0	.42	.39	.309
◆ 512-SS34	SS34	DO-214AB	40	3.0	.52	.44	.375
◆ 512-FYD0504SATM	FYD0504SATM	TO-252	40	5.0	.68	.626	.513
512-SB540	SB540	DO-201AD	40	5.0	.49	.46	.361
512-MBR745	MBR745	TO-220AC	45	7.5	1.64	1.49	1.22
512-MBR1045	MBR1045	TO-220AC	45	10.0	.94	.83	.723
512-SB1245	SB1245	DO-201AD	45	12.0	1.67	1.47	1.28
512-MBR1645	MBR1645	TO-220AC	45	16.0	1.20	.92	.917
◆ 512-RS1A	RS1A	DO-214AC	50	1.0	.32	.25	.186
◆ 512-SS25	SS25	DO-214AA	50	2.0	.35	.29	.265
◆ 512-SB350	SB350	DO-201AD	50	3.0	.47	.45	.342
◆ 512-SS35	SS35	DO-214AB	50	3.0	.56	.48	.41
◆ 512-SB550	SB550	DO-201AD	50	5.0	.50	.43	.369
◆ 512-SB160	SB160	DO-41	60	1.0	.29	.266	.218
◆ 512-SS16	SS16	DO-214AC	60	1.0	.37	.25	.247
◆ 512-SS26	SS26	DO-214AA	60	2.0	.39	.362	.297
Single (Cont.)							
◆ 512-SB360	SB360	DO-201AD	60	3.0	.47	.45	.342
◆ 512-SS36	SS36	DO-214AB	60	3.0	.56	.48	.41
◆ 512-SB560	SB560	DO-201AD	60	5.0	.50	.43	.369
◆ 512-MBR760	MBR760	TO-220AC	60	7.5	.95	.76	.667
◆ 512-MBR1060	MBR1060	TO-220AC	60	10.0	.88	.783	.723
◆ 512-MBR1660	MBR1660	TO-220AC	60	16.0	.92	.816	.784
◆ 512-SB180	SB180	DO-41	80	1.0	.23	.221	.181
◆ 512-SS18	SS18	DO-214AC	80	1.0	.49	.37	.258
◆ 512-SS28	SS28	DO-214AA	80	2.0	.49	.40	.325
◆ 512-SB380	SB380	DO-201AD	80	3.0	.53	.39	.331
◆ 512-SS38	SS38	DO-214AB	80	3.0	.56	.48	.41
◆ 512-SB580	SB580	DO-201AD	80	5.0	.50	.43	.369
◆ 512-SS29	SS29	DO-214AA	90	2.0	.49	.40	.325
◆ 512-RS1B	RS1B	DO-214AC	100	1.0	.32	.25	.186
◆ 512-S100	S100	DO-214AC	100	1.0	.42	.31	.306
◆ 512-SB1100	SB1100	DO-41	100	1.0	.26	.254	.208
◆ 512-SS210	SS210	DO-214AA	100	2.0	.55	.466	.381
◆ 512-SS310	SS310	DO-214AB	100	3.0	.73	.64	.56
◆ 512-SB3100	SB3100	DO-201AD	100	3.0	.64	.49	.428
◆ 512-SB5100	SB5100	DO-201AD	100	5.0	.74	.55	.51
◆ 512-RS1D	RS1D	DO-214AC	200	1.0	.19	.174	.142
◆ 512-RS1G	RS1G	DO-214AC	400	1.0	.08	.07	.057
◆ 512-RS1J	RS1J	DO-214AC	600	1.0	.32	.25	.186
◆ 512-RS1K	RS1K	DO-214AC	800	1.0	.32	.25	.186
◆ 512-RS1M	RS1M	DO-214AC	1000	1.0	.10	.074	.072
Dual & Common Anode							
◆ 512-BAT54A	BAT54A	SOT-23	30	0.3	.10	.058	.054
Dual & Common Cathode							
◆ 512-BAR43C	BAR43C	SOT-23	30	0.2	.09	.089	.078
◆ 512-BAT54C	BAT54C	SOT-23	30	0.3	.11	.061	.058
◆ 512-BAT54CWT1G	BAT54CWT1G	SOT-323	30	0.2	.30	.22	.138
512-MBR1535CT	MBR1535CT	TO-220AB	35	15.0	1.05	.73	.60
512-FYP1004DNTU	FYP1004DNTU	TO-220	40	10.0	.76	.581	.487
512-MBR1545CT	MBR1545CT	TO-220AB	45	15.0	.88	.777	.747
512-MBR2545CT	MBR2545CT	TO-220AB	45	30.0	1.49	1.32	1.15
512-MBRP3045NTU	MBRP3045NTU	TO-220	45	30.0	.51	.464	.425
512-MBR3045PT	MBR3045PT	TO-247	45	30.0	1.69	1.51	1.32
512-MBR4045PT	MBR4045PT	TO-247	45	40.0	1.95	1.73	1.52
512-MBR1560CT	MBR1560CT	TO-220AB	60	15.0	.88	.777	.747
512-FYP2006DNTU	FYP2006DNTU	TO-220	60	20.0	1.12	.99	.866
512-FYFP2006DNTU	FYFP2006DNTU	TO-220F	60	20.0	.99	.87	.759
512-MBR3060PT	MBR3060PT	TO-247	60	30.0	1.69	1.51	1.32
512-MBR4060PT	MBR4060PT	TO-247					