

FAIRCHILD Diodes

FAIRCHILD

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

ZENER DIODES (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	PD (W)	VZ (V)	Price Each	
Mfr.	Mfr. Part No.				1	10
512-1N4749ATR	DO-41	1.0	24.0	.22	.15	
512-1N4749A50A	DO-41	1.0	24.0	.24	.161	
512-BZX85C24	DO-41	1.0	24.0	.22	.151	
512-1N4750A	DO-41	1.0	27.0	.22	.15	
512-1N4750ATR	DO-41	1.0	27.0	.22	.15	
512-1N4751A	DO-41	1.0	30.0	.22	.15	
512-1N4751ATR	DO-41	1.0	30.0	.22	.15	

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MOUSER STOCK NO.		Package	PD (W)	VZ (V)	Price Each	
Mfr.	Mfr. Part No.				1	10
512-BZX85C30	DO-41	1.0	30.0	.22	.151	
512-1N4752A	DO-41	1.0	33.0	.22	.15	
512-1N4752ATR	DO-41	1.0	33.0	.23	.155	
512-BZX85C33	DO-41	1.0	33.0	.21	.149	
512-1N4753A	DO-41	1.0	36.0	.22	.15	
512-BZX85C36	DO-41	1.0	36.0	.21	.147	
512-1N4754A	DO-41	1.0	39.0	.22	.15	

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MOUSER STOCK NO.		Package	PD (W)	VZ (V)	Price Each	
Mfr.	Mfr. Part No.				1	10
512-1N4755A	DO-41	1.0	43.0	.22	.15	
512-1N4756A	DO-41	1.0	47.0	.22	.15	
512-BZX85C47	DO-41	1.0	47.0	.21	.147	
512-1N4757A	DO-41	1.0	51.0	.22	.15	
512-BZX85C51	DO-41	1.0	51.0	.21	.147	
512-1N4758A	DO-41	1.0	56.0	.22	.15	
512-KA33VTA	TO-92-3	2.0	35.0	.49	.275	

SMALL SIGNAL DIODES

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	VRRM (V)	I _R (μA)	Price Each	
Mfr.	Mfr. Part No.				1	10
Single						
512-1N4148	DO-35	70	0.025	.17	.16	
512-1N457A	DO-35	70	0.025	.16	.145	
512-1N457ATR	DO-35	70	0.025	.16	.145	
512-FDLL457A	LL-34	70	0.025	.23	.161	
512-1N4148WS	SOD-323F	75	0.025	.14	.133	
512-1N4448WS	SOD-323F	75	0.025	.12	.117	
512-1N4448WT	SOD-523F	75	0.025	.16	.145	
512-1N4148WTS	SOD-323F	75	0.025	.12	.117	
512-1N4148WTS	SOD-523F	75	0.025	.14	.131	
512-BAW62	DO-35	75	0.025	.10	.06	
512-1N4454	DO-35	75	0.1	.10	.075	
512-1N4454TR	DO-35	75	0.1	.10	.075	
512-FDLL4150	LL-34	75	0.1	.22	.154	
512-1N483B	DO-35	80	0.025	.16	.145	
512-1N5282TR	DO-35	80	0.1	.18	.153	
512-BAW76	DO-35	85	0.1	.10	.064	
512-BAS16	SOT-23	85	1	.16	.149	
512-BAS16HT1G	SOD-323	85	1	.31	.212	
512-BAS16SL	SOD-923F	85	1	.35	.243	
512-1N4148	DO-35	100	0.025	.10	.053	
512-1N4148T26A	DO-35	100	0.025	.10	.055	
512-1N4148T50A	DO-35	100	0.025	.10	.055	
512-1N4148T50R	DO-35	100	0.025	.10	.055	
512-1N4148TA	DO-35	100	0.025	.10	.053	
512-1N4148TR	DO-35	100	0.025	.10	.053	
512-1N4149	DO-35	100	0.025	.10	.075	
512-1N4448	DO-35	100	0.025	.10	.075	
512-1N4448TR	DO-35	100	0.025	.10	.075	
512-1N4448TR	DO-35	100	0.025	.10	.075	
512-1N4448TR	DO-35	100	0.025	.10	.075	
512-1N914	DO-35	100	0.025	.10	.058	
512-1N914ATR	DO-35	100	0.025	.10	.058	
512-1N914B	DO-35	100	0.025	.10	.058	
512-1N914BTR	DO-35	100	0.025	.10	.058	
512-1N914T50A	DO-35	100	0.025	.10	.06	
512-1N914TR	DO-35	100	0.025	.10	.063	
512-1N916	DO-35	100	0.025	.10	.063	
512-1N916A	DO-35	100	0.025	.10	.063	

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MOUSER STOCK NO.		Package	VRRM (V)	I _R (μA)	Price Each	
Mfr.	Mfr. Part No.				1	10
Single (Cont.)						
512-1N916B	DO-35	100	0.025	.10	.063	
512-FDLL4148D87Z	SOD-80	100	0.025	.10	.088	
512-FDLL4448	LL-34	100	0.025	.10	.095	
512-FDLL914	LL-34	100	0.025	.10	.095	
512-FDLL914A	LL-34	100	0.025	.10	.095	
512-FDLL914B	LL-34	100	0.025	.10	.095	
512-LL4148	SOD-80	100	0.025	.10	.073	
512-MMBD4148	SOT-23	100	0.025	.17	.162	
512-MMBD4448	SOT-23	100	0.025	.18	.167	
512-MMBD914	SOT-23	100	0.025	.15	.142	
512-MMSD4148 D87Z	SOD-123	100	0.025	.25	.17	
512-MMSD4448	SOD-123	100	0.025	.26	.175	
512-MMSD914	SOD-123	100	0.025	.25	.17	
512-MMBD1201	SOT-23	100	0.05	.18	.17	
512-MMSD4148	SOD-123	100	5	.25	.17	
512-BAS19	SOT-23	120	0.1	.18	.17	
512-BAS29	SOT-23	120	0.1	.18	.163	
512-FDH300A	DO-35	150	0.001	.33	.216	
512-FDLL300A	LL-34	150	0.001	.23	.161	
512-FDLL333	SOD-80	150	0.001	.23	.161	
512-FDH333	DO-35	150	0.003	.20	.181	
512-1N458A	DO-35	150	0.025	.16	.145	
512-1N3595TR	DO-35	150	0.1	.16	.147	
512-FDLL3595	LL-34	150	100	.23	.161	
512-BAX16	DO-35	180	0.025	.17	.161	
512-MMBD1501A	SOT-23	200	0.01	.20	.183	
512-1N459	DO-35	200	0.025	.16	.152	
512-1N459A	DO-35	200	0.025	.16	.145	
512-1N459ATR	DO-35	200	0.025	.16	.153	
512-1N485B	DO-35	200	0.025	.16	.145	
512-FDLL485B	LL-34	200	0.025	.23	.161	
512-1N3070TR	DO-35	200	0.1	.16	.145	
512-BAS20	SOT-23	200	0.1	.18	.17	
512-BAV102	LL-34	200	0.1	.22	.154	

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	VRRM (V)	I _R (μA)	Price Each	
Mfr.	Mfr. Part No.				1	10
Single (Cont.)						
512-FDH400	DO-35	200	0.1	.18	.165	
512-MMBD1401	SOT-23	200	0.1	.19	.161	
512-MMBD1403	SOT-23	200	0.1	.21	.147	
512-MMSD3070	SOD-123	200	0.1	.33	.226	
512-MMBD1401A	SOT-23	250	0.04	.20	.184	
512-1N486B	DO-35	250	0.05	.16	.145	
512-BAS21	SOT-23	250	0.1	.19	.174	
512-BAV103	LL-34	250	0.1	.22	.154	
512-BAV21	DO-35	250	0.1	.18	.163	
Dual and Common Anode						
512-BAW74	SOT-23	50	100	.22	.187	
512-MMBD4148CA	SOT-23	100	0.025	.25	.166	
512-MMBD1205	SOT-23	100	0.05	.19	.135	
512-BAS35	SOT-23	120	0.1	.20	.185	
512-MMBD1505A	SOT-23	200	0.01	.23	.163	
512-MMBD1405A	SOT-23	250	0.1	.25	.176	
Dual and Common Cathode						
512-BAV74	SOT-23	50	0.1	.20	.184	
512-BAV70	SOT-23	70	5	.19	.176	
512-MMBD2838	SOT-23	75	0.1	.24	.156	
512-MMBD4148CC	SOT-23	100	0.025	.22	.154	
512-MMBD1204	SOT-23	100	0.05	.20	.138	
512-MMBD1504A	SOT-23	200	0.01	.25	.17	
512-MMBD1404A	SOT-23	250	0.1	.25	.176	
Dual Series						
512-BAV99	SOT-23	70	2.5	.20	.138	
512-BAV99WT1G	SOT-323	70	2.5	.22	.156	
512-MMBD4148SE	SOT-23	100	0.025	.20	.142	
512-MMBD1203	SOT-23	100	0.05	.20	.187	
512-MMBD7000	SOT-23	100	0.3	.19	.135	
512-BAS31	SOT-23	120	0.1	.19	.179	
512-FLLD261	SOT-23	200	0.005	.28	.192	
512-BAV23S	SOT-23	250	0.1	.21	.147	
512-MMBD1403A	SOT-23	250	0.1	.24	.166	

ULTRAFAST DIODES

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	Max. Repetitive Reverse Voltage (V)	Avg. Rectified Forward Current (A)	Max. Instantaneous Forward Voltage (V)	Max. Reverse Recovery Time (ns)	Price Each		
							1	10	100
Single									
512-RURD660S9A_F085	RURD660S9A_F085	D-PAK-2	600	6	1.5	33	.97	.782	.60
512-RURD660S9A	RURD660S9A	TO-252	600	6	1.5	60	.93	.747	.574
512-RURP860	RURP860	TO-220AC	600	8	1.5	70	1.29	1.04	.80
512-FFPF08S60STTU	FFPF0860STTU	TO-220F	600	8	2.6	25	1.09	.882	.677
512-RURP8100	RURP8100	TO-220AC	1000	8	1.8	100	1.34	1.14	.882
512-FFPF20UP20DNTU	FFPF20UP20DNTU	TO-220F	200	10	1.15	45	1.81	1.46	1.17
512-RUR1S1560S9A	RUR1S1560S9A	TO-263	600	15	1.5	60	1.91	1.62	1.30
512-RURP1560	RURP1560	TO-220AC	600	15	1.5	60	1.60	1.36	1.05
512-FFA60UP30DNTU	FFA60UP30DNTU	TO-3P	300	30	1.5	55	3.49	2.97	2.57
512-RURG3060	RURG3060	TO-247	600	30	1.5	60	2.81	2.27	1.81
512-RURP3060	RURP3060	TO-220AC	600	30	1.5	60	2.32	1.87	1.49
512-FFA40UP35STU	FFA40UP35STU	TO-3P	350	40	1.6	53	2.97	2.52	2.18
512-FFH60UP40S3	FFH60UP40S3	TO-247	400	60	1.4	85	4.02	3.42	2.96
512-FFH60UP60S	FFH60UP60S	TO-247	600	60	1.7	80	3.70	3.15	2.73
512-FFH60UP60S3	FFH60UP60S3	TO-247	600	60	1.7	80	3.51	2.98	2.59
512-RURG5060	RURG5060	TO-247	600	75	1.6	75	3.88	3.29	2.85
512-RURG8060	RURG8060	TO-247	600	80	1.6	85	5.43	4.62	4.00
512-RURG80100	RURG80100	TO-247	1000	80	1.9	200	5.95	5.06	4.38
Common Cathode									
512-FFPF20UA60DN	FFPF20UA60DN	TO-220F	600	10	2.3	120	1.55	1.25	1.00
512-FFPF20UP40S	FFPF20UP40S	TO-220F	400	20	1.4	50	1.94	1.65	1.32
512-FFA60UP20DNTU	FFA60UP20DNTU	TO-3P	200	30	1.15	32	3.78	3.04	2.77
512-RURG3020CC	RURG3020CC	TO-247	200	30	1.0	50	4.64	3.94	3.41
512-RURG3060CC	RURG3060CC	TO-247	600	30	1.5	60	4.09	3.48	3.01
512-FFA60UA60DN	FFA60UA60DN	TO-3P	600	60	2.2	90	3.44	2.92	2.53

DAMPER DIODES - SINGLE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	Max. Repetitive Reverse Voltage (V)	Avg. Rectified Forward Current (A)	Max. Instantaneous Forward Voltage (V)	Max. Reverse Recovery Time (ns)	Price Each			
							1	25	100	250
512-FFPF10F150STU	FFPF10F150STU	TO-220F	1500	10	1.6	170	1.12	.957	.735	.513