

# FAIRCHILD Diodes

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

**FAIRCHILD**  
SEMICONDUCTOR

Diodes & Rectifiers

## 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	25
512—1N4749AT50A	DO-41	1.0	24.0	.14	.12	
512—BZX85C24	DO-41	1.0	24.0	.14	.12	
512—1N4750A	DO-41	1.0	27.0	.14	.12	
512—1N4750ATR	DO-41	1.0	27.0	.14	.12	
512—1N4751A	DO-41	1.0	30.0	.14	.12	
512—1N4751ATR	DO-41	1.0	30.0	.14	.12	
512—BZX85C30	DO-41	1.0	30.0	.14	.12	

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MOUSER STOCK NO.		Package	PD (W)	VZ (V)	Price Each	
Mfr.	Mfr. Part No.				1	25
512—1N4752A	DO-41	1.0	33.0	.14	.12	
512—1N4752ATR	DO-41	1.0	33.0	.14	.12	
512—BZX85C33	DO-41	1.0	33.0	.14	.12	
512—1N4753A	DO-41	1.0	36.0	.14	.12	
512—BZX85C36	DO-41	1.0	36.0	.14	.12	
512—1N4754A	DO-41	1.0	39.0	.14	.12	

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MOUSER STOCK NO.		Package	PD (W)	VZ (V)	Price Each	
Mfr.	Mfr. Part No.				1	25
512—1N4755A	DO-41	1.0	43.0	.14	.12	
512—1N4756A	DO-41	1.0	47.0	.14	.12	
512—BZX85C47	DO-41	1.0	47.0	.14	.12	
512—1N4757A	DO-41	1.0	51.0	.14	.12	
512—BZX85C51	DO-41	1.0	51.0	.14	.12	
512—1N4758A	DO-41	1.0	56.0	.14	.12	

## SMALL SIGNAL DIODES



◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package	VRRM (V)	I <sub>R</sub> (μA)	Price Each	
Mfr.	Mfr. Part No.				1	25
<b>Single</b>						
512—1N457	DO-35	70	0.025	.14	.12	
512—1N457A	DO-35	70	0.025	.14	.12	
512—1N457ATR	DO-35	70	0.025	.14	.12	
512—FDLL457A	LL-34	70	0.025	.19	.11	
512—1N4148WS	SOD-323F	75	0.025	.15	.09	
512—1N4448WS	SOD-323F	75	0.025	.16	.09	
512—1N4448WT	SOD-323F	75	0.025	.12	.07	
512—1N914BWS	SOD-323F	75	0.025	.16	.09	
512—1N914BWT	SOD-323F	75	0.025	.12	.07	
512—BAW62	DO-35	75	0.025	.12	.104	
512—1N4454	DO-35	75	0.1	.13	.11	
512—1N4454TR	DO-35	75	0.1	.13	.11	
512—FDLL4150	LL-34	75	0.1	.14	.12	
512—1N483B	DO-35	80	0.025	.14	.121	
512—1N5282	DO-35	80	0.1	.14	.12	
512—BAW76	DO-35	85	0.1	.05	.045	
512—BAS16	SOT-23	85	1	.14	.12	
512—BAS16HT1G	SOD-323	85	1	.14	.12	
512—BAS16SL	SOD-923F	85	1	.30	.18	
512—1N4148	DO-35	100	0.025	.12	.10	
512—1N4148T26A	DO-35	100	0.025	.12	.10	
512—1N4148T50A	DO-35	100	0.025	.12	.10	
512—1N4148T50R	DO-35	100	0.025	.12	.10	
512—1N4148TA	DO-35	100	0.025	.12	.10	
512—1N4148TR	DO-35	100	0.025	.12	.10	
512—1N4149	DO-35	100	0.025	.13	.11	
512—1N4448	DO-35	100	0.025	.13	.11	
512—1N4448TR	DO-35	100	0.025	.13	.11	
512—1N914	DO-35	100	0.025	.12	.10	
512—1N914ATR	DO-35	100	0.025	.12	.10	
512—1N914B	DO-35	100	0.025	.12	.10	
512—1N914BTR	DO-35	100	0.025	.11	.06	
512—1N914T50A	DO-35	100	0.025	.12	.10	
512—1N914TR	DO-35	100	0.025	.12	.10	
512—1N916	DO-35	100	0.025	.12	.10	
512—1N916A	DO-35	100	0.025	.12	.10	

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MOUSER STOCK NO.		Package	VRRM (V)	I <sub>R</sub> (μA)	Price Each	
Mfr.	Mfr. Part No.				1	25
<b>Single (Cont.)</b>						
512—1N916B	DO-35	100	0.025	.12	.10	
512—FDLL4148D87Z	SOD-80	100	0.025	.13	.11	
512—FDLL4448	LL-34	100	0.025	.12	.10	
512—FDLL914	LL-34	100	0.025	.13	.11	
512—FDLL914A	LL-34	100	0.025	.13	.11	
512—FDLL914B	LL-34	100	0.025	.12	.10	
512—LL4148	SOD-80	100	0.025	.13	.11	
512—MMBD4148	SOT-23	100	0.025	.14	.12	
512—MMBD4448	SOT-23	100	0.025	.14	.12	
512—MMBD914	SOT-23	100	0.025	.14	.12	
512—MMSD4148_D87Z	SOD-123	100	0.025	.14	.12	
512—MMSD4448	SOD-123	100	0.025	.14	.12	
512—MMSD914	SOD-123	100	0.025	.14	.125	
512—MMBD1201	SOT-23	100	0.5	.14	.12	
512—MMSD4148	SOD-123	100	0.5	.14	.12	
512—BAS19	SOT-23	120	0.1	.14	.12	
512—BAS29	SOT-23	120	0.1	.14	.12	
512—FDH300A	DO-35	150	0.001	.14	.12	
512—FDLL300A	LL-34	150	0.001	.14	.122	
512—FDLL333	SOD-80	150	0.001	.14	.12	
512—FDH333	DO-35	150	0.003	.14	.12	
512—1N458A	DO-35	150	0.025	.14	.12	
512—1N3595	DO-35	150	0.1	.14	.12	
512—1N3595TR	DO-35	150	0.1	.14	.12	
512—FDLL3595	LL-34	150	100	.16	.139	
512—BAX16	DO-35	180	0.025	.18	.11	
512—MMBD1501A	SOT-23	200	0.01	.14	.12	
512—1N459	DO-35	200	0.025	.14	.12	
512—1N459A	DO-35	200	0.025	.14	.12	
512—1N459ATR	DO-35	200	0.025	.14	.12	
512—1N485B	DO-35	200	0.025	.14	.12	
512—FDLL485B	LL-34	200	0.025	.19	.11	
512—1N3070TR	DO-35	200	0.1	.14	.12	
512—BAS20	SOT-23	200	0.1	.14	.12	
512—BAV102	LL-34	200	0.1	.19	.11	

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MOUSER STOCK NO.		Package	VRRM (V)	I <sub>R</sub> (μA)	Price Each	
Mfr.	Mfr. Part No.				1	25
<b>Single (Cont.)</b>						
512—FDH400	DO-35	200	0.1	.14	.12	
512—MMBD1401	SOT-23	200	0.1	.14	.12	
512—MMBD1403	SOT-23	200	0.1	.14	.12	
512—MMSD3070	SOD-123	200	0.1	.19	.14	
512—MMBD1401A	SOT-23	250	0.04	.14	.12	
512—1N486B	DO-35	250	0.05	.14	.12	
512—BAS21	SOT-23	250	0.1	.14	.12	
512—BAV103	LL-34	250	0.1	.19	.11	
512—BAV21	DO-35	250	0.1	.14	.12	
512—BAV21T50A	DO-35	250	0.1	.18	.11	
<b>Dual and Common Anode</b>						
512—BAW74	SOT-23	50	100	.14	.12	
512—MMBD4148CA	SOT-23	100	0.025	.14	.12	
512—MMBD1205	SOT-23	100	0.05	.14	.12	
512—BAS35	SOT-23	120	0.1	.14	.12	
512—MMBD1505A	SOT-23	200	0.01	.14	.12	
512—MMBD1405A	SOT-23	250	0.1	.14	.12	
<b>Dual and Common Cathode</b>						
512—BAV74	SOT-23	50	0.1	.14	.12	
512—BAV70	SOT-23	70	5	.14	.12	
512—MMBD2838	SOT-23	75	0.1	.18	.12	
512—MMBD4148CC	SOT-23	100	0.025	.14	.12	
512—MMBD1204	SOT-23	100	0.05	.14	.12	
512—MMBD1504A	SOT-23	200	0.01	.14	.12	
512—MMBD1404A	SOT-23	250	0.1	.14	.12	
<b>Dual Series</b>						
512—BAV99	SOT-23	70	2.5	.14	.12	
512—BAV99WT1G	SOT-323	70	2.5	.14	.12	
512—MMBD4148B	SOT-23	100	0.025	.14	.12	
512—MMBD1203	SOT-23	100	0.05	.14	.12	
512—MMBD7000	SOT-23	100	0.3	.14	.12	
512—BAS31	SOT-23	120	0.1	.14	.12	
512—FLLD261	SOT-23	200	0.005	.15	.13	
512—BAV23S	SOT-23	250	0.1	.14	.12	
512—MMBD1403A	SOT-23	250	0.1	.14	.12	

## ULTRAFAST DIODES



◆ 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
<b>Single</b>										
512-RURD660S9A	RURD660S9A	TO-252	600V	6A	1.5V	60ns	.78	.682	.631	.543
512-RURP860	RURP860	TO-220AC	600V	8A	1.5V	70ns	.75	.73	.587	.414
512-FPPF08S60STTU	FPPF0860STTU	TO-220F	600V	8A	2.6V	25ns	.83	.66	.50	.47
512-RURP8100	RURP8100	TO-220AC	1000V	8A	1.8V	100ns	.98	.85	.747	.595
512-FPPF20UP20DNTU	FPPF20UP20DNTU	TO-220F	200V	10A	1.15V	45ns	.75	.66	.575	.458
512-RUR1S1560S9A	RUR1S1560S9A	TO-263	600V	15A	1.5V	60ns	1.49	1.31	1.17	.949
512-RURP1560	RURP1560	TO-220AC	600V	15A	1.5V	60ns	1.19	1.12	.923	.65
512-FFA60UP30DNTU	FFA60UP30DNTU	TO-3P	300V	30A	1.5V	55ns	2.74	2.50	2.23	1.87
512-RURG3060	RURG3060	TO-247	600V	30A	1.5V	60ns	2.30	2.02	1.79	1.45
512-RURP3060	RURP3060	TO-220AC	600V	30A	1.5V	60ns	1.86	1.63	1.45	1.18
512-FFA40UP35STU	FFA40UP35STU	TO-3P	350V	40A	1.6V	53ns	1.78	1.60	1.42	1.12
512-FFH60UP40S3	FFH60UP40S3	TO-247	400V	60A	1.4V	85ns	3.08	2.80	2.53	2.11
512-FFH60UP60S	FFH60UP60S	TO-247	600V	60A	1.7V	80ns	2.33	1.95	1.84	1.80
512-FFH60UP60S3	FFH60UP60S3	TO-247	600V	60A	1.7V	80ns	2.33	1.95	1.84	1.80
512-RURG5060	RURG5060	TO-247	600V	75A	1.6V	75ns	3.17	2.60	2.25	2.13
512-RURG8060	RURG8060	TO-247	600V	80A	1.6V	85ns	3.86	3.16	2.99	2.95
512-RURG80100	RURG80100	TO-247	1000V	80A	1.9V	200ns	4.75	4.20	3.79	3.17
<b>Common Cathode</b>										
512-FPPF20UA60DN	FPPF20UA60DN	TO-220F	600V	10A	2.3V	120ns	.57	.521	.478	.441
512-FPPF20UP40S	FPPF20UP40S	TO-220F	400V	20A	1.4V	50ns	1.64	1.23	1.15	1.10
512-FFA60UP20DNTU	FFA60UP20DNTU	TO-3P	200V	30A	1.15V	32ns	2.36	2.06	1.83	1.49
512-RURG3020CC	RURG3020CC	TO-247	200V	30A	1.0V	50ns	3.22	2.86	2.58	2.15
512-RURG3060CC	RURG3060CC	TO-247	600V	30A	1.5V	60ns	3.47	3.07	2.77	2.32

## DAMPER DIODES - SINGLE

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-FPPF10F150STU	FPPF									