

# FAIRCHILD Rectifiers

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



## FAIRCHILD SEMICONDUCTOR ULTRAFAST RECOVERY RECTIFIERS

◆ Surface Mount Device

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-EGF1A	EGF1A	SMA	Single	50V	1A	1V	50ns				
◆ 512-ES1A	ES1A	SMA	Single	50V	1A	0.92V	15ns				
◆ 512-ES2A	ES2A	SMB	Single	50V	2A	0.95V	20ns				
◆ 512-ES3A	ES3A	SMC-2	Single	50V	3A	0.95V	20ns				
◆ 512-EGF1B	EGF1B	DO-214AC	Single	100V	1A	1V	50ns				
◆ 512-ES1B	ES1B	SMA	Single	100V	1A	0.92V	15ns				
512-UF4002	UF4002	DO-41	Single	100V	1A	1V	50ns				
◆ 512-ES2B	ES2B	SMB	Single	100V	2A	0.95V	20ns				
◆ 512-ES3B	ES3B	SMC	Single	100V	3A	0.95V	20ns				
◆ 512-EGF1C	EGF1C	DO-214AC	Single	150V	1A	1V	50ns				
◆ 512-ES1C	ES1C	DO-214AC	Single	150V	1A	0.92V	15ns				
◆ 512-ES2C	ES2C	DO-214AA	Single	150V	2A	0.95V	20ns				
◆ 512-ES3C	ES3C	SMC	Single	150V	3A	0.95V	20ns				
512-FES16CT	FES16CT	TO-220	Single	150V	16A	0.975V	35ns				
◆ 512-EGF1D	EGF1D	SMA-2	Single	200V	1A	1V	50ns				
◆ 512-ES1D	ES1D	SMA	Single	200V	1A	0.92V	15ns				
512-UF4003	UF4003	DO-41	Single	200V	1A	1V	50ns				
◆ 512-ES2D	ES2D	SMB	Single	200V	2A	0.95V	20ns				
512-EGP30D	EGP30D	DO-201AD	Single	200V	3A	0.95V	50ns				
◆ 512-ES3D	ES3D	SMC	Single	200V	3A	0.95V	20ns				
512-FFD06UP20S	FFD06UP20S	TO-220F	Single	200V	6A	1.15V	35ns				
512-FFD10UP20S	FFD10UP20S	TO-220F	Single	200V	10A	1.15V	35ns				
512-FFPF10UP20STU	FFPF10UP20STU	TO-220F-2	Single	200V	10A	1.1V	32ns				
512-FES16DT	FES16DT	TO-220AC	Single	200V	16A	0.975V	35ns				
512-FES16DTR	FES16DTR	TO-220	Single	200V	16A	0.975V	35ns				
◆ 512-ES1F	ES1F	DO-214AC(SMA)	Single	300V	1A	1.3V	35ns				
512-FFPF20UP30STU	FFPF20UP30STU	TO-220F	Single	300V	20A	1.5V	30ns				
◆ 512-ES1G	ES1G	DO-214AC(SMA)	Single	400V	1A	1.3V	35ns				
512-UF4004	UF4004	DO-41	Single	400V	1A	1V	50ns				
512-FES16GT	FES16GT	TO-220AC	Single	400V	16A	1.3V	50ns				
◆ 512-ES1H	ES1H	DO-214AC(SMA)	Single	500V	1A	1.7V	35ns				
512-FES16HT	FES16HT	TO-220AC	Single	500V	16A	1.5V	50ns				
◆ 512-ES1J	ES1J	DO-214AC(SMA)	Single	600V	1A	1.7V	35ns				
512-UF4005	UF4005	DO-41	Single	600V	1A	1.7V	75ns				
512-EGP30J	EGP30J	DO-201AD	Single	600V	3A	1.7V	75ns				
512-FFPF10UP60STU	FFPF10UP60STU	TO-220F-2	Single	600V	10A	2.2V	40ns				
512-FES16JTR	FES16JTR	TO-220AC	Single	600V	16A	1.5V	50ns				
512-UF4006	UF4006	DO-41	Single	800V	1A	1.7V	75ns				
512-UF4007	UF4007	DO-41	Single	1000V	1A	1.7V	75ns				
512-FEP16BTA	FEP16BTA	TO-220	Common Anode	100V	16A	0.975V	35ns				
512-FEP16CTA	FEP16CTA	TO-220AB	Common Anode	150V	16A	0.975V	35ns				
512-FEP16DTA	FEP16DTA	TO-220AB	Common Anode	200V	16A	0.975V	35ns				
512-FEP16GTA	FEP16GTA	TO-220	Common Anode	400V	16A	1.3V	50ns				
512-FEP16JTA	FEP16JTA	TO-220AB	Common Anode	600V	16A	1.5V	50ns				
512-FEP16BT	FEP16BT	TO-220AB	Common Cathode	100V	16A	0.975V	35ns				
512-FEP16CT	FEP16CT	TO-220AB	Common Cathode	150V	16A	0.975V	35ns				
512-FEP16DT	FEP16DT	TO-220AB	Common Cathode	200V	16A	0.975V	35ns				
512-FEP16FT	FEP16FT	TO-220AB	Common Cathode	300V	16A	1.3V	50ns				
512-FEP16GT	FEP16GT	TO-220AB	Common Cathode	400V	16A	1.3V	50ns				
512-FEP16HT	FEP16HT	TO-220AB	Common Cathode	500V	16A	1.5V	50ns				
512-FFPF20UP60DNTU	FFPF20UP60DNTU	TO-220F	Common Cathode	600V	10A	2.2V	70ns				
512-FEP16JT	FEP16JT	TO-220AB	Common Cathode	600V	16A	1.5V	50ns				
512-FEP16ATD	FEP16ATD	TO-220AB	Dual	50V	16A	0.975V	35ns				
512-FEP16DTD	FEP16DTD	TO-220AB	Dual	200V	16A	0.975V	35ns				
512-FEP16GTD	FEP16GTD	TO-220AB	Dual	400V	16A	1.3V	50ns				
512-FEP16JTD	FEP16JTD	TO-220	Dual	600V	16A	1.5V	50ns				

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								1	25	100	250
512-1N4933	1N4933	DO-41	Single	50V	1A	1.2V	150ns				
512-RGP10A	RGP10A	DO-41	Single	50V	1A	1.3V	150ns				
512-1N4934	1N4934	DO-41	Single	100V	1A	1.2V	150ns				
◆ 512-RGF1B	RGF1B	SMA	Single	100V	1A	1.3V	150ns				
512-1N4935	1N4935	DO-41	Single	200V	1A	1.2V	150ns				
512-1N4936	1N4936	DO-41	Single	400V	1A	1.2V	150ns				
◆ 512-RGF1G	RGF1G	SMA	Single	400V	1A	1.3V	150ns				
512-RGP10G	RGP10G	DO-41	Single	400V	1A	1.3V	150ns				
512-1N4937	1N4937	DO-41	Single	600V	1A	1.2V	150ns				
◆ 512-RGF1J	RGF1J	SMA	Single	600V	1A	1.3V	250ns				
512-RGP10K	RGP10K	DO-41	Single	800V	1A	1.3V	500ns				
512-RGF1M	RGF1M	SMA	Single	1000V	1A	1.3V	500ns				
512-RGP10M	RGP10M	DO-41	Single	1000V	1A	1.3V	500ns				