

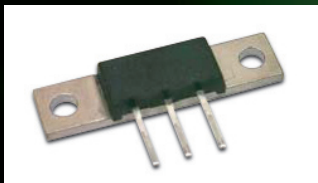


Direct from **DARRAH** Microsemi Power Semiconductors

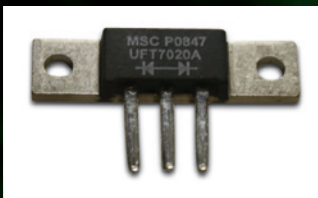
Mini-Mod



Small Mini-Mod



Mini-Mod



Half Pack



Power Surface Mounts

Mini-Mod	Catalog Number	Definition	Amps	Volts
Schottky	FST8035SM-150SM	2 diode surface mount package	80	35 - 150
	FST8135SM-45SM	2 diode surface mount package	80	35 - 45
	FST8230SM	2 diode surface mount package	80	30
Ultrafast(FRED)	UFT7010SM-20SM	2 diode surface mount package	70	100 - 200
	UFT7120SM-50SM	2 diode surface mount package	70	200 - 500
	UFT7250SM-80SM	2 diode surface mount package	70	500 - 800

Common Cathode part number shown. Add suffix A for Common Anode. Add suffix D for Doubler. e3 Indicates RoHS Compliance.

Small Mini-Mod	Catalog Number	Definition	Amps	Volts
Schottky	FST6130-45	2 diode package	60	30 - 45
	FST6210-30	2 diode package	60	10 - 30
	FST6380-100	2 diode package	60	80 - 100
	FST6435-50	2 diode package	60	35 - 50

Common Cathode part number shown. Add suffix A for Common Anode. Add suffix D for Doubler. e3 Indicates RoHS Compliance.

Mini-Mod	Catalog Number	Definition	Amps	Volts
Schottky	FST8035-150	2 diode package	80	35 - 150
	FST8115-45	2 diode package	80	15 - 45
	FST8230 e3	2 diode package	80	30
	FST8335-45	2 diode package	80	35 - 45
	FST8515	2 diode package	80	15
Ultrafast (FRED)	UFT7010-20	2 diode package	70	100 - 200
	UFT7120-50	2 diode package	70	200 - 500
	UFT7250-80	2 diode package	70	500 - 800

Common Cathode part number shown. Add suffix A for Common Anode. Add suffix D for Doubler. e3 Indicates RoHS Compliance.

Half Pack	Catalog Number	Definition	Amps	Volts	
Schottky	HS12035-45 e3	1 diode package	120	35 - 45	
	HS12135-45 e3	1 diode package	120	35 - 45	
	HS12230 e3	1 diode package	120	30	
	HS12380-100 e3	1 diode package	120	80 - 100	
	HS12510-15 e3	1 diode package	120	10 - 15	
	HS126150 e3	1 diode package	120	150	
	HS18035-45 e3	1 diode package	180	35 - 45	
	HS18135-45 e3	1 diode package	180	35 - 45	
	HS18230 e3	1 diode package	180	30	
	HS18380-100 e3	1 diode package	180	80 - 100	
	HS18515 e3	1 diode package	180	15	
	HS24035-45 e3	1 diode package	240	35 - 45	
	HS24135-45 e3	1 diode package	240	35 - 45	
	HS24230 e3	1 diode package	240	30	
	HS24380-100 e3	1 diode package	240	80 - 100	
	HS24510-15 e3	1 diode package	240	10 - 15	
	HS24515 e3	1 diode package	240	15	
	Ultrafast (FRED)	HS247180-200	1 diode package	240	180 - 200
		HU10005-20 e3	1 diode package	100	50 - 200
		HU10120-50 e3	1 diode package	100	200 - 500
HU10260-80 e3		1 diode package	100	600 - 800	
HU20010-20 e3		1 diode package	200	100 - 200	
	HU20130-50 e3	1 diode package	200	300 - 500	
	HU20260-80 e3	1 diode package	200	600 - 800	

Standard polarity base is cathode, reverse polarity is anode. Add suffix R for reverse polarity. e3 indicates RoHS Compliance.

		Voltagess	Current Ratings
Schottky Rectifier	<ul style="list-style-type: none"> • Low forward voltage drop • High frequency operation • Up to 175° junction temperature • Guard ring for enhanced ruggedness and long term reliability 	10 - 200	1 - 600
Ultrafast Diode	<ul style="list-style-type: none"> • Short reverse recovery time • Low stored charge • Wide current range • Excellent surge capabilities 	50 - 1200	1 - 400

Typical applications are in high current switching power supplies, converters, free-wheeling diodes, inverters, choppers, ultrasonic systems, welding, solar systems, and reverse battery protection.

All product data sheets can be obtained at www.microsemi.com



