

Schottky Rectifiers

Microsemi
Power Semiconductor Division

SCH

Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	IO (Amps)	VR (Volts)	IFSM (Amps)	VF @ IO (Volts)	IR (uA)	CJ (pF)
FST7140SM	Colorado	MINIMOD	SM		21060	70	40	800		5000	1300
FST7145 SM	Colorado	MINIMOD	SM		6681	70	45	800		5000	1300
FST7145SM	Colorado	MINIMOD	SM		21061	70	45	800		5000	1300
USD520	Watertown	DO-5	STD		17127	75	20				
USD7520	Watertown	DO-5	STD		17143	75	20				
USD7525	Watertown	DO-5	STD		17144	75	25				
USD535	Watertown	DO-5	STD		17128	75	35				
USD545	Watertown	DO-5	STD		17129	75	45				
USD550	Watertown	DO-5	STD		17130	75	50				
FST8110	Colorado	MINIMOD	SM		21066	80	10	800		10000	4000
SBR8210	Colorado	DO-5	STD		14745	80	10	1200	0.38	5000	4600
SBR8215	Colorado	DO-5	STD		14747	80	15	1200	0.38	5000	4600
FST8115	Colorado	MINIMOD	SM		21067	80	15	800	0.46	10000	4000
FST8120	Colorado	MINIMOD	SM		21068	80	20	800		1500	2100
FST8125	Colorado	MINIMOD	SM		6686	80	25	800	0.58	1500	2100
FST8125SM	Colorado	MINIMOD	SM		21069	80	25	800	0.58	1500	2100
FST8230	Colorado	MINIMOD	SM		21075	80	30	800	0.55	5000	2400
FST8230SM5	Colorado	MINIMOD	SM		21076	80	30	800	0.55	5000	2400
FST8130	Colorado	MINIMOD	SM		21070	80	30	800	0.58	1500	2100
FST8130SM	Colorado	MINIMOD	SM		21071	80	30	800	0.58	1500	2100
FST8135	Colorado	MINIMOD	SM		6689	80	35	800	0.58	1500	2100
FST8135SM	Colorado	MINIMOD	SM		21072	80	35	800	0.58	1500	2100
FST8035	Colorado	MINIMOD	SM		6682	80	35	800	0.75	50000	1900
FST8040	Colorado	MINIMOD	SM		6683	80	40	800	0.15	50000	1900
FST8140	Colorado	MINIMOD	SM		6691	80	40	800	0.58	1500	2100
FST8140SM	Colorado	MINIMOD	SM		21073	80	40	800	0.58	1500	2100
FST8045	Colorado	MINIMOD	SM		6684	80	45	800	0.25	50000	1900
FST8145	Colorado	MINIMOD	SM		6693	80	45	800	0.58	1500	2100
FST8145SM	Colorado	MINIMOD	SM		21074	80	45	800	0.58	1500	2100
FST8050	Colorado	MINIMOD	SM		6685	80	50	800	0.75	50000	1900
FST8080	Colorado	MINIMOD	SM		21063	80	80	800		2000	1450
FST8090	Colorado	MINIMOD	SM		21064	80	90	800	0.88	2000	1450
FST80100	Colorado	MINIMOD	SM		21065	80	100	800		2000	1450
FST80100SM	Colorado	MINIMOD	SM		21062	80	100	800	0.88	2000	1450
SBR8035	Colorado	DO-5	STD		14741	85	35	1200	0.74	2000	2300
SBR8040	Colorado	DO-5	STD		14742	85	40	1200	0.74	2000	2300
SBR8045	Colorado	DO-5	STD		14743	85	45	1200	0.74	2000	2300
SBR8050	Colorado	DO-5	STD		14744	85	50	1200	0.74	2000	2300
FST10020	Colorado	FLAT PACK	SM		6606	100	20	1000	0.65	2000	2700
FST10120	Colorado	FLAT PACK	SM		6612	100	20	1000	0.65	2000	2700
FST10025	Colorado	FLAT PACK	SM		6607	100	25	1000	0.65	2000	2700
FST10125	Colorado	FLAT PACK	SM		6613	100	25	1000	0.65	2000	2700
FST10030	Colorado	FLAT PACK	SM		6608	100	30	1000	0.65	2000	2700
FST10130	Colorado	FLAT PACK	SM		6614	100	30	1000	0.65	2000	2700

Section Organization: Schottky Rectifier Parametric Section is organized by ascending IO (amps), followed by ascending VR (volts)

General Notes:

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
2. Forward Voltage (VF) when specified is at the rated IO. For VF@IF refer to the product datasheets.
3. For detailed VF data refer to the product datasheets by using the fax on demand system or contacting the Microsemi manufacturing division.
4. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID