

Schottky Rectifiers

Microsemi
Power. Precision. Performance.

Part Number	Microsemi Division	Package Outline	Type	Mill Spec	Data Sheet ID	IO (Amps)	VR (Volts)	IFSM (Amps)	VF @ IO (Volts)	IR (uA)	CJ (pF)
SD5040PF	Colorado	PF	STD		21132	50	40	800	0.75	2000	2300
FST5045	Colorado	TO-3P	STD		6665	50	45	700		500	1400
FST5050	Colorado	TO-3P	STD		6666	50	50	700		500	1400
SBR5050PF	Colorado	DO-21	STD		14733	50	50	1200	0.55	2000	2300
FST5080	Colorado	TO-3P	STD		6667	50	80	700		500	920
FST5090	Colorado	TO-3P	STD		6668	50	90	700		500	920
FST50100	Colorado	TO-3P	STD		21053	50	100	700	0.88	500	920
FST6210	Colorado	MINIMOD	SM		6676	60	10	600		3000	6000
FST6215	Colorado	MINIMOD	SM		6677	60	15	600		3000	6000
FST6220	Colorado	MINIMOD	SM		6678	60	20	600		3000	6000
SBR6020	Colorado	DO-5	STD		14734	60	20	1000	0.6	2000	2700
SBR6025	Colorado	DO-5	STD		14735	60	25	1000	0.6	2000	2700
FST6130	Colorado	MINIMOD	SM		21054	60	30	800		3000	2100
SBR6030	Colorado	DO-5	STD		14736	60	30	1000	0.6	2000	2700
FST5535	Colorado	TO-3P	STD		6669	60	35	600		2000	1200
SD241	Watertown	TO-3	STD		14758	60	35				
SD51	Watertown	DO-5	STD		14764	60	35				
SD241	Colorado	TO-3	STD		14757	60	35	600	0.7	1500	1350
SD51	Colorado	DO-5	STD		14763	60	35	800	0.7	2000	2300
FST6135	Colorado	MINIMOD	SM		21055	60	35	800	0.88	3000	2100
1N5834	Colorado	DO-4	STD		3937	60	40				
FST5540	Colorado	TO-3P	STD		6670	60	40	600		2000	1200
FST6140	Colorado	MINIMOD	SM		21056	60	40	800		3000	2100
SBR6040	Colorado	DO-5	STD		14738	60	40	1000	0.6	2000	2700
1N6392	Watertown	DO-5	STD		4917	60	45				
FST5545	Colorado	TO-3P	STD		6671	60	45	600		2000	1200
FST6145	Colorado	MINIMOD	SM		21057	60	45	800		3000	2100
JAN1N6392	Watertown	DO-5	STD	553	8136	60	45				
JANTX1N6392	Watertown	DO-5	STD	553	9893	60	45				
JANTXV1N6392	Watertown	DO-5	STD	553	11364	60	45				
SD241HR2	Watertown	TO-3	STD		14760	60	45				
1N6392	Colorado	DO-5	STD		4916	60	45	1000	0.68	20000	3000
JAN1N6392	Colorado	DO-5	STD	553	8135	60	45	1000	0.68	20000	3000
JANTX1N6392	Colorado	DO-5	STD	553	9892	60	45	1000	0.68	20000	3000
JANTXV1N6392	Colorado	DO-5	STD	553	11363	60	45	1000	0.68	20000	3000
SD5145	Colorado	DO-5	STD		14765	60	45	800	0.7	2000	2300
SD5045PF	Colorado	PF	STD		21133	60	45	800	0.75	2000	2300
SBR6050	Colorado	DO-5	STD		14740	60	50	800	0.7	2000	2300
SBR6080	Colorado	DO-5	STD		21130	60	80	1000	0.89	1000	1250
FST63100	Colorado	MINIMOD	SM		21058	60	100	600	0.58	1500	1000
SBR60100	Colorado	DO-5	STD		21129	60	100	1000	0.89	1000	1250
FST7130 SM	Colorado	MINIMOD	SM		6679	70	30	800		5000	1300
FST7130SM	Colorado	MINIMOD	SM		21059	70	30	800		5000	1300
FST7140 SM	Colorado	MINIMOD	SM		6680	70	40	800		5000	1300

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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