

Schottky Rectifiers

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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)
MS104	Colorado	DO-41	STD		13271	1	40	50	0.69	100	53
MSG104	Colorado	DO-41	STD		13307	1	40	50	0.69	100	53
LSM145 MELF	Colorado	DO-213AB	SM		12098	1	45	50	0.58	1000	60
LSM145G	Colorado	DO-215AA	SM		20188	1	45	50	0.58	1000	60
LSM145J	Colorado	DO-214BA	SM		20122	1	45	50	0.58	1000	60
MSG145	Colorado	DO-41	STD		13314	1	45	50	0.58	100	60
MSP145	Colorado	DO-41	STD		13317	1	45	50	0.58	100	60
LSM150 MELF	Colorado	DO-213AB	SM		12100	1	50	50	0.58	1000	60
LSM150G	Colorado	DO-215AA	SM		20189	1	50	50	0.58	1000	60
LSM150J	Colorado	DO-214BA	SM		20123	1	50	50	0.58	1000	60
MSG150	Colorado	DO-41	STD		13315	1	50	50	0.58	100	60
MSP150	Colorado	DO-41	STD		13318	1	50	50	0.58	100	60
HSM150 MELF	Colorado	DO-213AB	SM		6813	1	50	50	0.69	100	55
HSM150G	Colorado	DO-215AA	SM		20169	1	50	50	0.69	100	53
HSM150J	Colorado	DO-214BA	SM		20103	1	50	50	0.69	100	53
MS105	Colorado	DO-41	STD		13273	1	50	50	0.69	100	53
MSG105	Colorado	DO-41	STD		13308	1	50	50	0.69	100	53
SS15	Chatsworth	DO-214AC	SM		18243	1	50	25	0.7	1000	
DLSR105	Chatsworth	DL-41 MELF	SM		6397	1	50	25	0.72	1000	
SK15	Chatsworth	DO-214AA	SM		18221	1	50	25	0.72	1000	
SR105	Chatsworth	DO-41	STD		16190	1	50	25	0.72	1000	
HSM160 MELF	Colorado	DO-213AB	SM		6815	1	60	50	0.69	100	55
HSM160G	Colorado	DO-215AA	SM		20170	1	60	50	0.69	100	53
HSM160J	Colorado	DO-214BA	SM		20104	1	60	50	0.69	100	53
MS106	Colorado	DO-41	STD		13274	1	60	50	0.69	100	53
MSG106	Colorado	DO-41	STD		13309	1	60	50	0.69	100	53
SS16	Chatsworth	DO-214AC	SM		18244	1	60	25	0.7	1000	
DLSR106	Chatsworth	DL-41 MELF	SM		6398	1	60	25	0.72	1000	
SK16	Chatsworth	DO-214AA	SM		18222	1	60	25	0.72	1000	
SR106	Chatsworth	DO-41	STD		16191	1	60	25	0.72	1000	
DLSR108	Chatsworth	DL-41 MELF	SM		18002	1	80	25	0.8	1000	
SK18	Chatsworth	DO-214AA	SM		18223	1	80	25	0.8	1000	
SR108	Chatsworth	DO-41	STD		18232	1	80	25	0.8	1000	
HSM180 MELF	Colorado	DO-213AB	SM		6817	1	80	50	0.81	100	45
HSM180G	Colorado	DO-215AA	SM		20171	1	80	50	0.81	1000	45
HSM180J	Colorado	DO-214BA	SM		20105	1	80	50	0.81	100	45
MS108	Colorado	DO-41	STD		13276	1	80	50	0.81	100	45
MSG108	Colorado	DO-41	STD		13310	1	80	50	0.81	100	45
SS18	Chatsworth	DO-214AC	SM		18245	1	80	25	0.85	1000	
HSM190 MELF	Colorado	DO-213AB	SM		6819	1	90	50	0.81	100	45
HSM190G	Colorado	DO-215AA	SM		20172	1	90	50	0.81	1000	45
MS109	Colorado	DO-41	STD		13277	1	90	50	0.81	100	45
MSG109	Colorado	DO-41	STD		13311	1	90	50	0.81	100	45
HSM190J	Colorado	DO-214BA	SM		20106	1	90	50	0.84	100	45

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