

Standard Recovery Rectifiers

Microsemi
POWER MANAGEMENT

REC

Part Number	Microsemi Division	Package Outline	Type	Mill Spec	Data Sheet ID	IO (Amps)	VR (Volts)	IFSM (Amps)	VF @ IO (Volts)	IR (uA)	trr (nsec)
1N2160	Colorado	DO-5	STD		1526	25	600	800	0.85	50	5000
1N1434	Colorado	DO-5	STD		1264	30	50	800	0.93	50	5000
1N3659	Colorado	DO-21	STD		2168	30	50	400		10	5000
1N1435	Colorado	DO-5	STD		1265	30	100	800	0.93	50	5000
1N3660	Colorado	DO-21	STD		2169	30	100	400		10	5000
ST3010	Colorado	TO-3	STD		16199	30	100	250	1.2	25	5000
ST3010A	Colorado	TO-3	STD		21134	30	100	250	1.2	25	5000
1N1436	Colorado	DO-5	STD		1266	30	200	800	0.93	50	5000
1N3661	Colorado	DO-21	STD		2170	30	200	400		10	5000
ST3020	Colorado	TO-3	STD		16201	30	200	250	1.2	25	5000
ST3020A	Colorado	TO-3	STD		21135	30	200	250	1.2	25	5000
1N1437	Colorado	DO-5	STD		1267	30	400	800	0.9	50	5000
1N3663	Colorado	DO-21	STD		2171	30	400	400		10	5000
ST3040	Colorado	TO-3	STD		16202	30	400	250	1.2	25	5000
ST3040A	Colorado	TO-3	STD		21136	30	400	250	1.2	25	5000
1N1438	Colorado	DO-5	STD		1268	30	600	800	0.93	50	5000
ST3060	Colorado	TO-3	STD		16203	30	600	250	1.2	25	5000
ST3060A	Colorado	TO-3	STD		21137	30	600	250	1.2	25	5000
ST3080	Colorado	TO-3	STD		16204	30	800	250	1.2	25	5000
ST3080A	Colorado	TO-3	STD		21138	30	800	250	1.2	25	5000
ST30100	Colorado	TO-3	STD		16200	30	1000	250	1.2	25	5000
ST30100A	Colorado	TO-3	STD		21139	30	1000	250	1.2	25	5000
1N1186	PPC, Inc.	DO-5	STD		24061	35	200	500	1.7	10	3000
1N4525	Colorado	DO-5	STD		2547	35	200	800	0.95	50	5000
R3520PF	Colorado	DO-21	STD		20281	35	200	400	1.1	10	5000
S3520PF	Colorado	DO-5	STD		21126	35	200	400	1.1	10	5000
1N1187	PPC, Inc.	DO-5	STD		24058	35	300	500	1.7	10	3000
1N1188	PPC, Inc.	DO-5	STD		24055	35	400	500	1.7	10	3000
1N4526	Colorado	DO-5	STD		2548	35	400	800	0.95	50	5000
R3540PF	Colorado	DO-21	STD		20283	35	400	400	1.1	10	5000
S3540PF	Colorado	DO-21	STD		21127	35	400	400	1.1	10	5000
1N1189	PPC, Inc.	DO-5	STD		24052	35	500	500	1.7	10	3000
1N1190	PPC, Inc.	DO-5	STD		24048	35	600	500	1.7	10	3000
1N4527	Colorado	DO-5	STD		2549	35	600	800	0.95	50	5000
R3560PF	Colorado	DO-21	STD		20285	35	600	400	1.1	10	5000
S3560PF	Colorado	DO-21	STD		21128	35	600	400	1.1	10	5000
1N3765	Colorado	DO-5	STD		2190	35	700	800	0.95	50	5000
1N3765	PPC, Inc.	DO-5	STD		24045	35	700	400	1.8	5	3000
1N3766	Colorado	DO-5	STD	297	2191	35	800	800	0.95	50	5000
1N3766	PPC, Inc.	DO-5	STD		24042	35	800	400	1.8	4	3000
1N4528	Colorado	DO-5	STD		2550	35	800	800	0.95	50	5000
JAN1N3766	Colorado	DO-5	STD	297	7105	35	800	500	0.95	10	5000
JANTX1N3766	Colorado	DO-5	STD	297	8855	35	800	500	0.95	10	5000
JANTXV1N3766	Colorado	DO-5	STD	297	10332	35	800	500	0.95	10	5000
1N3767	Colorado	DO-5	STD		2192	35	900	800	0.95	50	5000

Section Organization: Standard Recovery Rectifier Parametric Section is organized by ascending IO (amps), followed by ascending VR (volts), and then by Part Number

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