

Fast Recovery Rectifiers

Microsemi
ANALOG, POWER, AND SIGNAL TECHNOLOGY

FR

Part Number	Microsemi Division	Package Outline	Type	Mil Spec	Data Sheet ID	IO (Amps)	VR (Volts)	IFSM (Amps)	VF @ IO (Volts)	IR (uA)	trr (nsec)
1N4936	Chatsworth	DO-41	STD		3071	1	400	30	1.2	5	200
1N4936GP	Chatsworth	DO-41	STD		17950	1	400	30	1.2	5	200
DL4936	Chatsworth	DL-41 MELF	SM		17999	1	400	30	1.2	5	200
FR1G	Chatsworth	DO-214AA	SM		18040	1	400	30	1.2	5	200
FS1G	Chatsworth	DO-214AC	SM		18068	1	400	30	1.2	5	200
UTR41	Watertown	A	STD		17267	1	400	20	1.1	3	350
UTR51	Watertown	A	STD		17281	1	500	20	1.1	3	400
1N4937	Chatsworth	DO-41	STD		3072	1	600	30	1.2	5	200
1N4937GP	Chatsworth	DO-41	STD		17951	1	600	30	1.2	5	200
DL4937	Chatsworth	DL-41 MELF	SM		18000	1	600	30	1.2	5	200
FR1J	Chatsworth	DO-214AA	SM		18041	1	600	30	1.2	5	200
FS1J	Chatsworth	DO-214AC	SM		18069	1	600	30	1.2	5	200
1N4946	Santa Ana	A	STD		3080	1	600	15		1	250
1N4946	Chatsworth	DO-41	STD		3079	1	600	30	1.3	5	250
1N4946GP	Chatsworth	DO-41	STD		17954	1	600	30	1.3	5	250
1N5619	Santa Ana	A	STD		3711	1	600	25		0.5	250
1N5619US	Santa Ana	A SQ. MELF	SM		3712	1	600	25		0.5	250
DLFR105	Chatsworth	DL-41 MELF	SM		6388	1	600	30	1.3	5	250
FR105	Chatsworth	DO-41	STD		18028	1	600	30	1.3	5	250
FR105GP	Chatsworth	DO-41	STD		6560	1	600	30	1.3	5	250
FR155GP	Chatsworth	DO-15	STD		18034	1	600	60	1.3	5	250
JAN1N4946	Santa Ana	A	STD	359	7452	1	600	15		1	250
JAN1N5619	Santa Ana	A	STD	429	7669	1	600	25		0.5	250
JAN1N5619US	Santa Ana	A SQ. MELF	SM	429	7670	1	600	25		0.5	250
JANS1N5619	Santa Ana	A	STD	429	8592	1	600	25	1.6	0.5	250
JANS1N5619US	Santa Ana	A SQ. MELF	SM	429	8593	1	600	25	1.6	0.5	250
JANTX1N4946	Santa Ana	A	STD	359	9206	1	600	15		1	250
JANTX1N5619	Santa Ana	A	STD	429	9426	1	600	25		0.5	250
JANTX1N5619U	Santa Ana	A SQ. MELF	SM	429	9427	1	600	25		0.5	250
JANTXV1N4946	Santa Ana	A	STD	359	10666	1	600	15		1	250
JANTXV1N5619	Santa Ana	A	STD	429	10897	1	600	25		0.5	250
JANTXV1N5619	Santa Ana	A SQ. MELF	SM	429	10898	1	600	25		0.5	250
UTR61	Watertown	A	STD		17289	1	600	20	1.1	3	400
1N4947	Chatsworth	DO-41	STD		3081	1	800	30	1.3	5	250
1N4947	Santa Ana	A	STD		3082	1	800	15		1	250
FR1K	Chatsworth	DO-214AA	SM		18042	1	800	30	1.3	5	250
FS1K	Chatsworth	DO-214AC	SM		18070	1	800	30	1.3	5	250
JAN1N4947	Santa Ana	A	STD	359	7453	1	800	15		1	250
JANTX1N4947	Santa Ana	A	STD	359	9207	1	800	15		1	250
JANTXV1N4947	Santa Ana	A	STD	359	10667	1	800	15		1	250
1N5621	Santa Ana	A	STD		3715	1	800	25		0.5	300
1N5621US	Santa Ana	A SQ. MELF	SM		3716	1	800	25		0.5	300
JAN1N5621	Santa Ana	A	STD	429	7673	1	800	25		0.5	300
JAN1N5621US	Santa Ana	A SQ. MELF	SM	429	7674	1	800	25		0.5	300
JANS1N5621	Santa Ana	A	STD	429	8594	1	800	25	1.6	0.5	300

Section Organization: Fast Recovery Rectifier Parametric Section is organized by ascending IO (amps), followed by ascending VR (volts), and then by trr (nsec)

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@F 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