

Ultra Fast Rectifiers



UFR

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)
UPR30	Watertown	POWERMITE	SM		20779	2	300	20	1.25	10	50
1N6621	Santa Ana	A	STD		4980	2	400	20	2	0.5	30
1N6621U	Santa Ana	A SQ. MELF	SM		4981	2	400	20	2	0.5	30
JANTX1N6621	Santa Ana	A	STD	585	9938	2	400	20	2	0.5	30
JANTX1N6621U	Santa Ana	A SQ. MELF	SM	585	9939	2	400	20	2	0.5	30
JANTXV1N6621	Santa Ana	A	STD	585	11409	2	400	20	2	0.5	30
JANTXV1N6621U	Santa Ana	A SQ. MELF	SM	585	11410	2	400	20	2	0.5	30
SF26	Chatsworth	DO-15	STD		18212	2	400	50	0.975	5	50
UES1106	Watertown	A	STD		16645	2	400	20		10	50
UES1106HR2	Watertown	A	STD		16646	2	400	20		10	50
UES1106SM	Watertown	A SQ. MELF	SM		16647	2	400	20		10	50
UPR40	Watertown	POWERMITE	SM		20780	2	400	20	1.25	10	50
1N6622	Santa Ana	A	STD		4982	2	600	20	2	0.5	30
1N6622U	Santa Ana	A SQ. MELF	SM		4983	2	600	20	2	0.5	30
JANTX1N6622	Santa Ana	A	STD	585	9940	2	600	20	2	0.5	30
JANTX1N6622U	Santa Ana	A SQ. MELF	SM	585	9941	2	600	20	2	0.5	30
JANTXV1N6622	Santa Ana	A	STD	585	11411	2	600	20	2	0.5	30
JANTXV1N6622U	Santa Ana	A SQ. MELF	SM	585	11412	2	600	20	2	0.5	30
1N5802	Watertown	A	STD		3886	2.5	50	35	0.875	1	25
1N5802US	Watertown	A SQ. MELF	SM		3887	2.5	50	35	0.875	1	25
JAN1N5802	Watertown	A	STD	477	7716	2.5	50	35	0.875	1	25
JAN1N5802US	Watertown	A SQ. MELF	SM	477	7717	2.5	50	35	0.875	1	25
JANS1N5802	Santa Ana	A	STD	477	8598	2.5	50	35	1	1	25
JANS1N5802US	Santa Ana	A SQ. MELF	SM	477	8599	2.5	50	35	1	1	25
JANTX1N5802	Watertown	A	STD	477	9473	2.5	50	35	0.875	1	25
JANTX1N5802US	Watertown	A SQ. MELF	SM	477	9474	2.5	50	35	0.875	1	25
JANTXV1N5802	Watertown	A	STD	477	10944	2.5	50	35	0.875	1	25
JANTXV1N5802US	Watertown	A SQ. MELF	SM	477	10945	2.5	50	35	0.875	1	25
UES1101	Watertown	A	STD		16633	2.5	50	35		2	25
UES1101SM	Watertown	A SQ. MELF	SM		16634	2.5	50	35		2	25
UPR5	Watertown	POWERMITE	SM		20751	2.5	50	25	0.975	2	25
1N5803	Watertown	A	STD		3888	2.5	75	35	0.875	1	25
1N5804	Watertown	A	STD		3889	2.5	100	35	0.875	1	25
1N5804US	Watertown	A SQ. MELF	SM		3890	2.5	100	35	0.875	1	25
JAN1N5804	Watertown	A	STD	477	7718	2.5	100	35	0.875	1	25
JAN1N5804US	Watertown	A SQ. MELF	SM	477	7719	2.5	100	35	0.875	1	25
JANS1N5804	Santa Ana	A	STD	477	8600	2.5	100	35	1	1	25
JANS1N5804US	Santa Ana	A SQ. MELF	SM	477	8601	2.5	100	35	1	1	25
JANTX1N5804	Watertown	A	STD	477	9475	2.5	100	35	0.875	1	25
JANTX1N5804US	Watertown	A SQ. MELF	SM	477	9476	2.5	100	35	0.875	1	25
JANTXV1N5804	Watertown	A	STD	477	10946	2.5	100	35	0.875	1	25
JANTXV1N5804US	Watertown	A SQ. MELF	SM	477	10947	2.5	100	35	0.875	1	25
UES1102	Watertown	A	STD		16635	2.5	100	35		2	25
UES1102SM	Watertown	A SQ. MELF	SM		16636	2.5	100	35		2	25
UPR10	Watertown	POWERMITE	SM		20752	2.5	100	25	0.975	2	25

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

General Notes:

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