

Ultra Fast Rectifiers

Microsemi
Products Protected by Patents

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)
1N6623U	Santa Ana	A SQ. MELF	SM		4985	1.5	800	20	2	0.5	50
JANTX1N6623	Santa Ana	A	STD	585	9942	1.5	800	20	2	0.5	50
JANTX1N6623U	Santa Ana	A SQ. MELF	SM	585	9943	1.5	800	20	2	0.5	50
JANTXV1N6623	Santa Ana	A	STD	585	11413	1.5	800	20	2	0.5	50
JANTXV1N6623U	Santa Ana	A SQ. MELF	SM	585	11414	1.5	800	20	2	0.5	50
1N6624	Santa Ana	A	STD		4986	1.5	900	20	2	0.5	50
1N6624U	Santa Ana	A SQ. MELF	SM		4987	1.5	900	20	2	0.5	50
JANTX1N6624	Santa Ana	A	STD	585	9944	1.5	900	20	2	0.5	50
JANTX1N6624U	Santa Ana	A SQ. MELF	SM	585	9945	1.5	900	20	2	0.5	50
JANTXV1N6624	Santa Ana	A	STD	585	11415	1.5	900	20	2	0.5	50
JANTXV1N6624U	Santa Ana	A SQ. MELF	SM	585	11416	1.5	900	20	2	0.5	50
1N6625	Santa Ana	A	STD		4988	1.5	1000	15	2	1	60
1N6625U	Santa Ana	A SQ. MELF	SM		4989	1.5	1000	15	2	1	60
JANTX1N6625	Santa Ana	A	STD	585	9946	1.5	1000	15	2	1	60
JANTX1N6625U	Santa Ana	A SQ. MELF	SM	585	9947	1.5	1000	15	2	1	60
JANTXV1N6625	Santa Ana	A	STD	585	11417	1.5	1000	15	2	1	60
JANTXV1N6625U	Santa Ana	A SQ. MELF	SM	585	11418	1.5	1000	15	2	1	60
MB200	Santa Ana	A	STD		12131	2	40	25	1	0.5	20
MB207	Santa Ana	A	STD		12136	2	40	25	1	1	20
SF21	Chatsworth	DO-15	STD		14787	2	50	50	0.975	5	35
MB201	Santa Ana	A	STD		12132	2	65	25	1	0.5	20
MB208	Santa Ana	A	STD		12137	2	65	25	1	1	20
MB202	Santa Ana	A	STD		12133	2	90	25	1	0.5	20
MB209	Santa Ana	A	STD		12138	2	90	25	1	1	20
SF22	Chatsworth	DO-15	STD		14788	2	100	50	0.975	5	35
MB204	Santa Ana	A	STD		12134	2	135	25	1	0.5	20
MB211	Santa Ana	A	STD		12139	2	135	25	1	1	20
SF23	Chatsworth	DO-15	STD		14789	2	150	50	0.975	5	35
MB206	Santa Ana	A	STD		12135	2	185	25	1	1.5	20
MB213	Santa Ana	A	STD		12140	2	185	25	1	3	20
1N6620	Santa Ana	A	STD		4978	2	200	20	2	0.5	30
1N6620U	Santa Ana	A SQ. MELF	SM		4979	2	200	20	2	0.5	30
JANTX1N6620	Santa Ana	A	STD	585	9936	2	200	20	2	0.5	30
JANTX1N6620U	Santa Ana	A SQ. MELF	SM	585	9937	2	200	20	2	0.5	30
JANTXV1N6620	Santa Ana	A	STD	585	11407	2	200	20	2	0.5	30
JANTXV1N6620U	Santa Ana	A SQ. MELF	SM	585	11408	2	200	20	2	0.5	30
SF24	Chatsworth	DO-15	STD		14790	2	200	50	0.975	5	35
UES1104	Watertown	A	STD		16639	2	200	20		10	50
UES1104HR2	Watertown	A	STD		16640	2	200	20		10	50
UES1104SM	Watertown	A SQ. MELF	SM		16641	2	200	20		10	50
UPR20	Watertown	POWERMITE	SM		20778	2	200	20	1.25	10	50
SF25	Chatsworth	DO-15	STD		18211	2	300	50	0.975	5	50
UES1105	Watertown	A	STD		16642	2	300	20		10	50
UES1105HR2	Watertown	A	STD		16643	2	300	20		10	50
UES1105SM	Watertown	A SQ. MELF	SM		16644	2	300	20		10	50

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:

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

Fax On Demand (800) 713-4113

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