

Ultra Fast Rectifiers

Microsemi
POWER ELECTRONICS TECHNOLOGY

UFR

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)
JANTXV1N6629U	Santa Ana	E SQ. MELF	SM	590	11426	3	800	75	2	2	50
UF380	Colorado	DO-201AD	STD		16758	3	800	100	1.1	10	60
UFS380G	Colorado	DO-215AA	SM		20218	3	800	100	1.2	10	60
UFS380J	Colorado	DO-214BA	SM		20152	3	800	100	1.2	10	60
1N6547	Santa Ana	E	STD		4974	3	800		1.8	20	75
SF38	Chatsworth	DO-201AD	STD		18216	3	800	125	1.25	5	75
UF5407	Chatsworth	DO-201AD	STD		18259	3	800	200	0.95	10	75
UF5407GP	Chatsworth	DO-201AD	STD		18266	3	800	200	0.95	10	75
1N6630	Santa Ana	E	STD		4999	3	900	75	2	2	50
1N6630U	Santa Ana	E SQ. MELF	SM		5000	3	900	75	2	2	50
JANTX1N6630	Santa Ana	E	STD	590	9956	3	900	75	2	2	50
JANTX1N6630U	Santa Ana	E SQ. MELF	SM	590	9957	3	900	75	2	2	50
JANTXV1N6630	Santa Ana	E	STD	590	11427	3	900	75	2	2	50
JANTXV1N6630U	Santa Ana	E SQ. MELF	SM	590	11428	3	900	75	2	2	50
1N6548	Santa Ana	E	STD		4975	3	900		1.8	20	100
ER3M	Chatsworth	DO-214AB	SM		18017	3	1000	30	1.25	5	50
SF310	Chatsworth	DO-201AD	STD		18217	3	1000	125	1.25	5	75
UF5408	Chatsworth	DO-201AD	STD		18260	3	1000	200	0.95	10	75
UF5408GP	Chatsworth	DO-201AD	STD		18267	3	1000	200	0.95	10	75
1N6549	Santa Ana	E	STD		4976	3	1000		1.8	20	100
1N6626	Santa Ana	E	STD		4990	4	200	75	2	2	30
1N6626U	Santa Ana	E SQ. MELF	SM		4991	4	200	75	2	2	30
JANTX1N6626	Santa Ana	E	STD	590	9948	4	200	75	2	2	30
JANTX1N6626U	Santa Ana	E SQ. MELF	SM	590	9949	4	200	75	2	2	30
JANTXV1N6626	Santa Ana	E	STD	590	11419	4	200	75	2	2	30
JANTXV1N6626U	Santa Ana	E SQ. MELF	SM	590	11420	4	200	75	2	2	30
1N6627	Santa Ana	E	STD		4992	4	400	75	2	2	30
1N6627U	Santa Ana	E SQ. MELF	SM		4993	4	400	75	2	2	30
JANTX1N6627	Santa Ana	E	STD	590	9950	4	400	75	2	2	30
JANTX1N6627U	Santa Ana	E SQ. MELF	SM	590	9951	4	400	75	2	2	30
JANTXV1N6627	Santa Ana	E	STD	590	11421	4	400	75	2	2	30
JANTXV1N6627U	Santa Ana	E SQ. MELF	SM	590	11422	4	400	75	2	2	30
1N6628	Santa Ana	E	STD		4994	4	600	75	2	2	30
1N6628U	Santa Ana	E SQ. MELF	SM		4995	4	600	75	2	2	30
JANTX1N6628	Santa Ana	E	STD	590	9952	4	600	75	2	2	30
JANTX1N6628U	Santa Ana	E SQ. MELF	SM	590	9953	4	600	75	2	2	30
JANTXV1N6628	Santa Ana	E	STD	590	11423	4	600	75	2	2	30
JANTXV1N6628U	Santa Ana	E SQ. MELF	SM	590	11424	4	600	75	2	2	30
UF505	Colorado	DO-201AD	STD		16766	5	50	175	0.95	10	30
UFS505G	Colorado	DO-215AA	SM		20219	5	50	175	0.95	10	30
UFS505J	Colorado	DO-214BA	SM		20153	5	50	175	0.95	10	30
UF510	Colorado	DO-201AD	STD		16767	5	100	175	0.95	10	30
UFS510G	Colorado	DO-215AA	SM		20220	5	100	175	0.95	10	30
UFS510J	Colorado	DO-214BA	SM		20154	5	100	175	0.95	10	30
UF515	Colorado	DO-201AD	STD		21153	5	150	175	0.95	10	30

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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<http://www.microsemi.com>