

Ultra Fast Rectifiers

Microsemi
Power Semiconductor Solutions

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)
UFS315G	Colorado	DO-215AA	SM		20211	3	150	100	0.95	10	30
UFS315J	Colorado	DO-214BA	SM		20145	3	150	100	0.95	10	30
ER3C	Chatsworth	DO-214AB	SM		18012	3	150	30	0.975	5	35
SF33	Chatsworth	DO-201AD	STD		14793	3	150	125	0.9	5	35
UF320	Colorado	DO-201AD	STD		16752	3	200	100	0.95	10	30
UFS320G	Colorado	DO-215AA	SM		20212	3	200	100	0.95	10	30
UFS320J	Colorado	DO-214BA	SM		20146	3	200	100	0.95	10	30
ER3D	Chatsworth	DO-214AB	SM		18013	3	200	30	0.975	5	35
SF34	Chatsworth	DO-201AD	STD		14794	3	200	125	0.9	5	35
UF5402	Chatsworth	DO-201AD	STD		18256	3	200	200	0.95	10	50
UF5402GP	Chatsworth	DO-201AD	STD		18263	3	200	200	0.95	10	50
UF330	Colorado	DO-201AD	STD		16753	3	300	100	1.1	10	50
UFS330G	Colorado	DO-215AA	SM		20213	3	300	100	1.1	10	50
UFS330J	Colorado	DO-214BA	SM		20147	3	300	100	1.1	10	50
SF35	Chatsworth	DO-201AD	STD		18213	3	300	125	0.9	5	60
1N6543	Santa Ana	E	STD		4970	3	400		1.8	20	30
ER3G	Chatsworth	DO-214AB	SM		18014	3	400	30	0.975	5	35
UF340	Colorado	DO-201AD	STD		16754	3	400	100	1.1	10	50
UF5404	Chatsworth	DO-201AD	STD		18257	3	400	200	0.95	10	50
UF5404GP	Chatsworth	DO-201AD	STD		18264	3	400	200	0.95	10	50
UFS340G	Colorado	DO-215AA	SM		20214	3	400	100	1.1	10	50
UFS340J	Colorado	DO-214BA	SM		20148	3	400	100	1.1	10	50
SF36	Chatsworth	DO-201AD	STD		18214	3	400	125	1.25	5	60
1N6544	Santa Ana	E	STD		4971	3	500		1.8	20	30
UF350	Colorado	DO-201AD	STD		16755	3	500	100	1.1	10	50
UFS350G	Colorado	DO-215AA	SM		20215	3	500	100	1.1	10	50
UFS350J	Colorado	DO-214BA	SM		20149	3	500	100	1.1	10	50
1N6545	Santa Ana	E	STD		4972	3	600		1.8	20	50
ER3J	Chatsworth	DO-214AB	SM		18015	3	600	30	1.25	5	50
SF37	Chatsworth	DO-201AD	STD		18215	3	600	125	1.25	5	60
UF360	Colorado	DO-201AD	STD		16756	3	600	100	1.1	10	60
UFS360G	Colorado	DO-215AA	SM		20216	3	600	100	1.2	10	60
UFS360J	Colorado	DO-214BA	SM		20150	3	600	100	1.2	10	60
UF5406	Chatsworth	DO-201AD	STD		18258	3	600	200	0.95	10	75
UF5406GP	Chatsworth	DO-201AD	STD		18265	3	600	200	0.95	10	75
1N6546	Santa Ana	E	STD		4973	3	700		1.8	20	50
UF370	Colorado	DO-201AD	STD		16757	3	700	100	1.1	10	60
UFS370G	Colorado	DO-215AA	SM		20217	3	700	100	1.2	10	60
UFS370J	Colorado	DO-214BA	SM		20151	3	700	100	1.2	10	60
1N6629	Santa Ana	E	STD		4996	3	800	75	2	2	50
1N6629U	Santa Ana	E SQ. MELF	SM	590	4997	3	800	75	2	2	50
ER3K	Chatsworth	DO-214AB	SM		18016	3	800	30	1.25	5	50
JANTX1N6629	Santa Ana	E	STD	590	9954	3	800	75	2	2	50
JANTX1N6629U	Santa Ana	E SQ. MELF	SM	590	9955	3	800	75	2	2	50
JANTXV1N6629	Santa Ana	E	STD	590	11425	3	800	75	2	2	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:

- 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