

# 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:**

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