

Ultra Fast Rectifiers

Microsemi
PHILIPS SEMICONDUCTORS

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)
UFR3120	Colorado	DO-4	STD		16790	30	200	400	1.25	15	50
UFR3120PF	Colorado	DO-21	STD		16791	30	200	400	1.25	15	50
UFR3120R	Colorado	DO-4	STD		16792	30	200	400	1.25	15	50
UFT3120	Colorado	TO-3	STD		16931	30	200	350	1.1	15	50
UES2605	Watertown	TO-3	STD		16685	30	300	300		50	50
UES2605HR2	Watertown	TO-3	STD		16686	30	300	300		50	50
UES2605R	Watertown	TO-3	STD		16687	30	300	300		50	50
UF3030	Colorado	TO-3P	STD		21166	30	300	200	1.25	10	50
UFR3130	Colorado	DO-4	STD		16793	30	300	400	1.25	15	50
UFR3130PF	Colorado	DO-21	STD		16794	30	300	400	1.25	15	50
UFR3130R	Colorado	DO-4	STD		16795	30	300	400	1.25	15	50
UFT3130	Colorado	TO-3	STD		16932	30	300	350	1.1	15	50
UES2606	Watertown	TO-3	STD		16688	30	400	300		50	50
UES2606HR2	Watertown	TO-3	STD		16689	30	400	300		50	50
UES2606R	Watertown	TO-3	STD		16690	30	400	300		50	50
UF3040	Colorado	TO-3P	STD		21167	30	400	200	1.25	10	50
UFR3140	Colorado	DO-4	STD		16796	30	400	400	1.25	15	50
UFR3140PF	Colorado	DO-21	STD		21172	30	400	400	1.25	15	50
UFR3140R	Colorado	DO-4	STD		16798	30	400	400	1.25	15	50
UFT3140	Colorado	TO-3	STD		16933	30	400	350	1.1	15	50
UF3050	Colorado	TO-3P	STD		21168	30	500	200		10	50
UFR3150	Colorado	DO-4	STD		16799	30	500	400	1.25	15	50
UFR3150PF	Colorado	DO-21	STD		16800	30	500	400	1.25	15	50
UFR3150R	Colorado	DO-4	STD		16801	30	500	400	1.25	15	50
UFT3150	Colorado	TO-3	STD		16934	30	500	350	1.1	15	50
UFR3250	Colorado	DO-4	STD		16802	30	500	300	1.35	15	60
UFR3250R	Colorado	DO-4	STD		16803	30	500	300	1.35	15	60
UFT3250	Colorado	TO-3	STD		16935	30	500	300	1.35	15	60
UFR3260	Colorado	DO-4	STD		16804	30	600	300	1.35	15	60
UFR3260R	Colorado	DO-4	STD		16805	30	600	300	1.35	15	60
UFT3260	Colorado	TO-3	STD		16936	30	600	300	1.35	15	60
UF3060	Colorado	TO-3P	STD		21169	30	600	200		10	70
UFR3270	Colorado	DO-4	STD		16806	30	700	300	1.35	15	60
UFR3270R	Colorado	DO-4	STD		16807	30	700	300	1.35	15	60
UFT3270	Colorado	TO-3	STD		16937	30	700	300	1.35	15	60
UF3070	Colorado	TO-3P	STD		21170	30	700	200	1.35	10	70
UFR3280	Colorado	DO-4	STD		16808	30	800	300	1.35	15	60
UFR3280R	Colorado	DO-4	STD		16809	30	800	300	1.35	15	60
UFT3280	Colorado	TO-3	STD		16938	30	800	300	1.35	15	60
UF3080	Colorado	TO-3P	STD		21171	30	800	200		10	70
1N6715	Santa Ana	X	SM		20757	40	1000	300	3	50	80
1N6715G	Santa Ana	X-STRAP	SM		24139	40	1000	300	3	50	80
1N6715GR	Santa Ana	X-STRAP	SM		24146	40	1000	300	3	50	80
1N6716	Santa Ana	X	SM		20760	40	1200	300	3	50	80
1N6716G	Santa Ana	X-STRAP	SM		24140	40	1200	300	3	50	80

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>