

Ultra Fast Rectifiers

Microsemi
Power Semiconductor Division

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)
1N6707R	Santa Ana	G-STRAP	SM		24159	20	800	150	1.6	20	40
UFT2080	Colorado	TO-220	STD		21196	20	800	200	1.35	10	70
PPR1310	PPC, Inc.	DO-4	STD		23989	25	50	400	0.95	20	35
UES701	Watertown	DO-4	STD		16703	25	50	320		20	35
UES701R	Watertown	DO-4	STD		16704	25	50	320		20	35
PPR1311	PPC, Inc.	DO-4	STD		23990	25	100	400	0.95	20	35
UES702	Watertown	DO-4	STD		16705	25	100	320		20	35
UES702R	Watertown	DO-4	STD		16706	25	100	320		20	35
PPR1312	PPC, Inc.	DO-4	STD		23991	25	150	400	0.95	20	35
UES703	Watertown	DO-4	STD		16707	25	150	320		20	35
UES703R	Watertown	DO-4	STD		16708	25	150	320		20	35
UES2601	Watertown	TO-3	STD		16675	30	50	400		20	35
UES2601R	Watertown	TO-3	STD		16676	30	50	400		20	35
UES3005C	Watertown	TO-3P	STD		16691	30	50	300		15	35
UES3005S	Watertown	TO-3P	STD		16692	30	50	400		15	35
UFR3005	Colorado	DO-4	STD		16778	30	50	500	0.975	15	35
UFR3005PF	Colorado	DO-21	STD		16779	30	50	500	0.975	15	35
UFR3005R	Colorado	DO-4	STD		16780	30	50	500	0.975	15	35
UF3010	Colorado	TO-3P	STD		21163	30	100	200	0.975	10	30
UES2602	Watertown	TO-3	STD		16677	30	100	400		20	35
UES2602R	Watertown	TO-3	STD		16678	30	100	400		20	35
UES3010C	Watertown	TO-3P	STD		16693	30	100	300		15	35
UES3010S	Watertown	TO-3P	STD		16694	30	100	400		15	35
UFR3010	Colorado	DO-4	STD		16781	30	100	500	0.975	15	35
UFR3010PF	Colorado	DO-21	STD		16782	30	100	500	0.975	15	35
UFR3010R	Colorado	DO-4	STD		16783	30	100	500	0.975	15	35
UFT3010	Colorado	TO-3	STD		16928	30	100	400	0.925	15	35
UF3015	Colorado	TO-3P	STD		21164	30	150	200	0.975	10	30
UES2603	Watertown	TO-3	STD		16679	30	150	400		20	35
UES2603HR2	Watertown	TO-3	STD		16680	30	150	400		20	35
UES2603R	Watertown	TO-3	STD		16681	30	150	400		20	35
UES3015C	Watertown	TO-3P	STD		16695	30	150	300		15	35
UES3015S	Watertown	TO-3P	STD		16696	30	150	400		15	35
UFR3015	Colorado	DO-4	STD		16784	30	150	500	0.975	15	35
UFR3015PF	Colorado	DO-21	STD		16785	30	150	500	0.975	15	35
UFR3015R	Colorado	DO-4	STD		16786	30	150	500	0.975	15	35
UFT3015	Colorado	TO-3	STD		16929	30	150	400	0.975	15	35
UF3020	Colorado	TO-3P	STD		21165	30	200	200	0.975	10	30
UFR3020	Colorado	DO-4	STD		16787	30	200	500	0.975	15	35
UFR3020PF	Colorado	DO-21	STD		16788	30	200	500	0.975	15	35
UFR3020R	Colorado	DO-4	STD		16789	30	200	500	0.975	15	35
UFT3020	Colorado	TO-3	STD		16930	30	200	400	0.975	15	35
UES2604	Watertown	TO-3	STD		16682	30	200	300		50	50
UES2604HR2	Watertown	TO-3	STD		16683	30	200	300		50	50
UES2604R	Watertown	TO-3	STD		16684	30	200	300		50	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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<http://www.microsemi.com>