

Ultra Fast Rectifiers

Microsemi
POWER & SIGNAL TECHNOLOGY

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)
1N6652	Sertech Labs	TO-59	STD		22026	20	150	300	1.2	10	35
1N6655	Sertech Labs	TO-254	STD		22029	20	150	300	1.2		35
1N6658	Sertech Labs	TO-254	STD		22032	20	150	300	1.2		35
JAN1N5816	Colorado	DO-4	STD	478	7736	20	150	400	0.95	10	35
JAN1N5816	Watertown	DO-4	STD	478	7737	20	150	400	0.95	10	35
JAN1N5816R	Watertown	DO-4	STD	478	7739	20	150	400	0.95	10	35
JAN1N5816R	Colorado	DO-4	STD	478	7738	20	150	400	0.95	10	35
JANTX1N5816	Watertown	DO-4	STD	478	9494	20	150	400	0.95	10	35
JANTX1N5816	Colorado	DO-4	STD	478	9493	20	150	400	0.95	10	35
JANTX1N5816R	Watertown	DO-4	STD	478	9496	20	150	400	0.95	10	35
JANTX1N5816R	Colorado	DO-4	STD	478	9495	20	150	400	0.95	10	35
JANTXV1N5816	Colorado	DO-4	STD	478	10964	20	150	400	0.95	10	35
JANTXV1N5816	Watertown	DO-4	STD	478	10965	20	150	400	0.95	10	35
JANTXV1N5816R	Watertown	DO-4	STD	478	10967	20	150	400	0.95	10	35
JANTXV1N5816R	Colorado	DO-4	STD	478	10966	20	150	400	0.95	10	35
UFT2015	Colorado	TO-220	STD		21187	20	150	200	0.975	10	35
UFT2015A	Colorado	TO-220	STD		21188	20	150	200	0.975	10	35
1N6653	Sertech Labs	TO-59	STD		22027	20	200	300	1.2	10	35
1N6656	Sertech Labs	TO-254	STD		22030	20	200	300	1.2		35
1N6659	Sertech Labs	TO-254	STD		22033	20	200	300	1.2		35
1N6704	Santa Ana	G-STRAP	SM		24149	20	200	150	1.1	20	35
1N6704R	Santa Ana	G-STRAP	SM		24156	20	200	150	1.1	20	35
UFT2020	Colorado	TO-220	STD		21189	20	200	200	1.35	10	35
UFT2020A	Colorado	TO-220	STD		21190	20	200	200	0.975	10	35
PPR1313	PPC, Inc.	DO-4	STD		23992	20	200	300	1.25	50	50
UES704	Watertown	DO-4	STD		16709	20	200	300		50	50
UES704R	Watertown	DO-4	STD		16710	20	200	300		50	50
PPR1314	PPC, Inc.	DO-4	STD		23993	20	300	300	1.25	50	50
UES705	Watertown	DO-4	STD		16711	20	300	300		50	50
UES705R	Watertown	DO-4	STD		16712	20	300	300		50	50
UFT2030	Colorado	TO-220	STD		21191	20	300	200	1.25	10	50
1N6705	Santa Ana	G-STRAP	SM		24150	20	400	150	1.1	20	35
1N6705R	Santa Ana	G-STRAP	SM		24157	20	400	150	1.1	20	35
PPR1315	PPC, Inc.	DO-4	STD		23994	20	400	300	1.25	50	50
UES706	Watertown	DO-4	STD		16713	20	400	300		50	50
UES706HR2	Watertown	DO-4	STD		16714	20	400	300		50	50
UES706R	Watertown	DO-4	STD		16715	20	400	300		50	50
UFT2040	Colorado	TO-220	STD		21192	20	400	200	1.25	10	50
PPR1457	PPC, Inc.	DO-4	STD		23995	20	500	300	1.25	50	50
UFT2050	Colorado	TO-220	STD		21193	20	500	200	1.25	10	50
1N6706	Santa Ana	G-STRAP	SM		24151	20	600	150	1.6	20	40
1N6706R	Santa Ana	G-STRAP	SM		24158	20	600	150	1.6	20	40
UFT2060	Colorado	TO-220	STD		21194	20	600	200	1.35	10	70
UFT2070	Colorado	TO-220	STD		21195	20	700	200	1.35	10	70
1N6707	Santa Ana	G-STRAP	SM		24152	20	800	150	1.6	20	40

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>