

Ultra Fast Rectifiers

Microsemi
Power. Accuracy. Efficiency.

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)
UFS515G	Colorado	DO-215AA	SM		20221	5	150	175	0.95	10	30
UFS515J	Colorado	DO-214BA	SM		20155	5	150	175	0.95	10	30
UF520	Colorado	DO-201AD	STD		16768	5	200	175	0.95	10	30
UFS520G	Colorado	DO-215AA	SM		20222	5	200	175	0.95	10	30
UFS520J	Colorado	DO-214BA	SM		20156	5	200	175	0.95	10	30
UES1304	Watertown	B	STD		16654	5	200	70		20	50
UES1304HR2	Watertown	B	STD		16655	5	200	70		20	50
UES1304SM	Watertown	B SQ. MELF	SM		16656	5	200	70		20	50
UES1305	Watertown	B	STD		16657	5	300	70		20	50
UES1305HR2	Watertown	B	STD		16658	5	300	70		20	50
UES1305SM	Watertown	B SQ. MELF	SM		16659	5	300	70		20	50
UF530	Colorado	DO-201AD	STD		16769	5	300	175	1.2	10	50
UFS530G	Colorado	DO-215AA	SM		20223	5	300	175	1.2	10	50
UFS530J	Colorado	DO-214BA	SM		20157	5	300	175	1.2	10	50
UES1306	Watertown	B	STD		16660	5	400	70		20	50
UES1306HR2	Watertown	B	STD		16661	5	400	70		20	50
UES1306SM	Watertown	B SQ. MELF	SM		16662	5	400	70		20	50
UF540	Colorado	DO-201AD	STD		16770	5	400	175	1.2	10	50
UFS540G	Colorado	DO-215AA	SM		20224	5	400	175	1.2	10	50
UFS540J	Colorado	DO-214BA	SM		20158	5	400	175	1.2	10	50
UF550	Colorado	DO-201AD	STD		16771	5	500	175	1.2	10	50
UFS550G	Colorado	DO-215AA	SM		20225	5	500	175	1.2	10	50
UFS550J	Colorado	DO-214BA	SM		20159	5	500	175	1.2	10	50
UF560	Colorado	DO-201AD	STD		16772	5	600	175	1.2	10	60
UFS560G	Colorado	DO-215AA	SM		20226	5	600	175	1.2	10	60
UFS560J	Colorado	DO-214BA	SM		20160	5	600	175	1.2	10	60
UF570	Colorado	DO-201AD	STD		16773	5	700	175	1.2	10	60
UFS570G	Colorado	DO-215AA	SM		20227	5	700	175	1.2	10	60
UFS570J	Colorado	DO-214BA	SM		20161	5	700	175	1.2	10	60
UF580	Colorado	DO-201AD	STD		16774	5	800	175	1.2	10	60
UFS580G	Colorado	DO-215AA	SM		20228	5	800	175	1.2	10	60
UFS580J	Colorado	DO-214BA	SM		20162	5	800	175	1.2	10	60
1N5807	Watertown	B	STD		3894	6	50	125	0.875	5	30
1N5807US	Watertown	B SQ. MELF	SM		3895	6	50	125	0.875	5	30
1N6076	Santa Ana	E	STD		4386	6	50	75	1.76	5	30
JAN1N5807	Watertown	B	STD	477	7722	6	50	125	0.875	5	30
JAN1N5807US	Watertown	B SQ. MELF	SM	477	7723	6	50	125	0.875	5	30
JANS1N5807	Santa Ana	E	STD	477	8604	6	50	125	1	5	30
JANS1N5807US	Santa Ana	E SQ. MELF	SM	477	8605	6	50	125	1	5	30
JANTX1N5807	Watertown	B	STD	477	9479	6	50	125	0.875	5	30
JANTX1N5807US	Watertown	B SQ. MELF	SM	477	9480	6	50	125	0.875	5	30
JANTXV1N5807	Watertown	B	STD	477	10950	6	50	125	0.875	5	30
JANTXV1N5807US	Watertown	B SQ. MELF	SM	477	10951	6	50	125	0.875	5	30
UES1301	Watertown	B	STD		16648	6	50	125		5	30
UES1301SM	Watertown	B SQ. MELF	SM		16649	6	50	125		5	30

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

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