

Fast Recovery Rectifiers

Microsemi
ANALOG, POWER & TRANSDUCERS

FR

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)
UTR4305	Watertown	B	STD		17269	4	50	100	1	5	250
40SL1	Scottsdale	CASE-5A	STD		5680	4	100				
UTX4110	Watertown	B	STD		17312	4	100	80	0.9	5	100
UTR4310	Watertown	B	STD		17270	4	100	100	1	5	250
UTX4115	Watertown	B	STD		17313	4	150	80	0.9	5	100
40SL2	Scottsdale	CASE-5A	STD		5682	4	200				
UTX4120	Watertown	B	STD		17314	4	200	80	0.9	5	100
UTR4320	Watertown	B	STD		17271	4	200	100	1	5	250
UTX4125	Watertown	B	STD		17315	4	250	80		5	100
40SL4	Scottsdale	CASE-5A	STD		5683	4	400				
UTR4340	Watertown	B	STD		17272	4	400	100	1	5	400
40SL5	Scottsdale	CASE-5A	STD		5684	4	500				
UTR4350	Watertown	B	STD		17273	4	500	100	1	5	400
40SL6	Scottsdale	CASE-5A	STD		5685	4	600				
UTR4360	Watertown	B	STD		17274	4	600	100	1	5	400
40SL8	Scottsdale	CASE-5A	STD		5686	4	800				
40SL10	Scottsdale	CASE-5A	STD		5681	4	1000				
1N3879	Scottsdale	DO-4	STD		2221	6	50				
FR601	Chatsworth	R-6	STD		6599	6	50	300	1.3	10	150
FR601GP	Chatsworth	R-6	STD		18058	6	50	300	1.3	10	150
1N3879	Colorado	DO-4	STD		2220	6	50	200	0.8	15	300
UTR4405	Watertown	C STUD	STD		17275	6	50	120	1.1	10	300
1N3880	Scottsdale	DO-4	STD		2223	6	100				
FR602	Chatsworth	R-6	STD		6600	6	100	300	1.3	10	150
FR602GP	Chatsworth	R-6	STD		18059	6	100	300	1.3	10	150
1N3880	Colorado	DO-4	STD		2222	6	100	200	0.8	15	300
UTR4410	Watertown	C STUD	STD		17276	6	100	120	1.1	10	300
1N3881	Scottsdale	DO-4	STD		2225	6	200				
FR603	Chatsworth	R-6	STD		6601	6	200	300	1.3	10	150
FR603GP	Chatsworth	R-6	STD		18060	6	200	300	1.3	10	150
1N3881	Colorado	DO-4	STD		2224	6	200	200	0.9	15	300
UTR4420	Watertown	C STUD	STD		17277	6	200	120	1.1	10	400
1N3882	Scottsdale	DO-4	STD		2227	6	300				
1N3882	Colorado	DO-4	STD		2226	6	300	200	0.9	15	300
1N3883	Scottsdale	DO-4	STD		2229	6	400				
FR604	Chatsworth	R-6	STD		6602	6	400	300	1.3	10	150
FR604GP	Chatsworth	R-6	STD		18061	6	400	300	1.3	10	150
1N3883	Colorado	DO-4	STD		2228	6	400	200	0.9	15	300
FR605	Chatsworth	R-6	STD		6603	6	600	300	1.3	10	250
FR605GP	Chatsworth	R-6	STD		18062	6	600	300	1.3	10	250
FR606	Chatsworth	R-6	STD		6604	6	800	300	1.3	10	500
FR606GP	Chatsworth	R-6	STD		18063	6	800	300	1.3	10	500
FR607	Chatsworth	R-6	STD		6605	6	1000	300	1.3	10	500
FR607GP	Chatsworth	R-6	STD		18064	6	1000	300	1.3	10	500
UTR5405	Watertown	C STUD	STD		17283	7.5	50	135	1.1	10	300

Section Organization: Fast Recovery 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