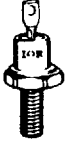



Schottky Rectifiers

Single Chip Devices

25-85 Amps

**International
IOR Rectifier**

Part Number	VRRM (V)	IF(AV) @ Tc		VFM @ IFM = IF(AV) TJ = 100°C (V)	IFSM (1)		IRM @ TJ = 125°C & Rated VRWM (mA)	Max. TJ (°C)	Case Outline Number (9)	Notes	Case Style			
		(A)	(°C)		50 Hz (A)	60 Hz (A)								
1N6391	45	25	125	0.60	575	600	40	175	J12	(8)	DO-203AA DO-4 			
1N6095 1N6096	30 40	27.5	71.5	0.57	380	400	250	125						
20FQ030 20FQ035 20FQ040 20FQ045	30 35 40 45	30	92	0.50	645	675	180	150						
SD41	35	30	96	0.56	575	600	125	150						
21FQ030 21FQ035 21FQ040 21FQ045	30 35 40 45	30	96	0.56	575	600	125	150						
30FQ030 30FQ035 30FQ040 30FQ045	30 35 40 45	30	119	0.63	575	600	30	175						
30FQ030A 30FQ035A 30FQ040A 30FQ045A	30 35 40 45	30	119	0.58	590	620	30	175						
1N6097 1N6098	30 40	55.5	74	0.60	765	800	250	125				J13	(8)	DO-203AB DO-5 
SD51	35	60	91	0.62	765	800	125	150						
51HQ045	45	60	90	0.62	765	800	200	150						
52HQ045	45	60	90	0.62	765	800	230	150						
50HQ030 50HQ035 50HQ040 50HQ045	30 35 40 45	60	96	0.53	765	800	200	150						
55HQ015 55HQ020 55HQ025 55HQ030	15 20 25 30	60	110	0.41	995	1000	280	150						
1N6392	45	60	115	0.60	995	1000	60	175						
60HQ060 60HQ080 60HQ090 60HQ100	60 80 90 100	70	102	0.81	575	600	45	175						
75HQ030 75HQ035 75HQ040 75HQ045	30 35 40 45	75	115	0.66	995	1000	45	175						
85HQ030 85HQ035 85HQ040 85HQ045	30 35 40 45	85	115	0.63	1100	1150	45	175						

(1) Peak half-cycle sinewave, following any rated load condition, VRWM reapplied.

(8) See Government/Space rear of section

(9) For case outline drawing see rear of section