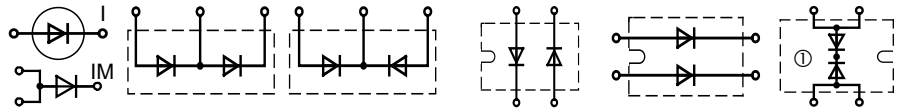


HiPerFRED² Diodes



$I_{FAV} = 10 - 2x 200 A$

Type	V_{RRM}	I_{FAV}	@ T_C	I_{FSM}	V_F	@ I_F	t_{rr}	I_{RM}	$-di/dt$	T_{VJM}	R_{thJC}	Fig. No.	Package style
		$d = 0.5$		10 ms				typ.	typ.				Outline drawings on pages O-30...O-52
➤ New	V	A	°C	A	V	A	ns	A	A/ μ s	°C	K/W		
DPG 10I200PA	200	10	145	100	0.98	10	35	3.0	200	175	2.30	X005b	X004 Weight = 0.3 g
DPG 10I200PM		10	125	100	0.98	10	35	3.0	200	175	4.40	X007b	
DPG 20C200PB		2x 10	145	100	0.98	10	35	3.0	200	175	2.30	X005a	X005a Weight = 2 g
DPG 20C200PN		2x 10	125	100	0.98	10	35	3.0	200	175	4.40	X007a	
DPG 15I200PA		15	140	150	1.01	15	35	3.0	200	175	1.70	X005b	X005a Weight = 2 g
DPG 30C200PB		2x 15	140	150	1.01	15	35	3.0	200	175	1.70	X005a	
➤ DPG 30C200PC		2x 15	140	150	1.01	15	35	3.0	200	175	1.70	X011b	X005b Weight = 2 g
➤ DPG 30C200HB		2x 15	140	150	1.00	15	35	3.0	200	175	1.70	X014a	
➤ DPF 60C200HB		2x 30	tbd	tbd	tbd	30	tbd	tbd	200	175	0.95	X014a	X005b Weight = 2 g
➤ DPG 60C200HB		2x 30	135	300	1.06	30	35	3.0	200	175	0.95	X014a	
➤ DPG 60C200QB		2x 30	135	300	1.06	30	35	3.0	200	175	0.95	X017a	X005b Weight = 2 g
➤ DPF 60I200HA		60	tbd	tbd	tbd	60	tbd	tbd	200	175	0.55	X014b	
➤ DPF 120X200NA		2x 60	tbd	tbd	tbd	60	tbd	tbd	200	175	0.60	X027a	X005b Weight = 2 g
➤ DPF 240X200NA		2x 120	tbd	tbd	tbd	120	tbd	tbd	200	175	0.45	X027a	
DPG 10I300PA	300	10	140	100	0.98	10	35	3.0	200	175	2.30	X005b	X007a Weight = 2 g
➤ DPG 10IM300UC		10	150	100	0.98	10	35	3.0	200	175	2.30	X004	
DPG 20C300PB		2x 10	145	100	0.98	10	35	3.0	200	175	2.30	X005a	X007b Weight = 2 g
DPG 20C300PN		2x 10	125	100	0.98	10	35	3.0	200	175	4.40	X007a	
DPG 15I300PA		15	140	150	1.00	15	35	3.0	200	175	1.70	X005b	X007b Weight = 2 g
DPG 30C300PB		2x 15	140	150	1.00	15	35	3.0	200	175	1.70	X005a	
DPG 30C300PC		2x 15	140	150	1.00	15	35	3.0	200	175	1.70	X011b	X007b Weight = 2 g
DPG 30C300HB		2x 15	140	150	1.00	15	35	3.0	200	175	1.70	X014a	
➤ DPG 30I300HA		30	135	300	1.06	30	35	3.0	200	175	0.95	X014b	X005b Weight = 2 g
➤ DPG 30I300PA		30	140	300	1.08	30	35	3.0	200	175	0.85	X005b	
➤ DPG 30P300PJ	2x 300	30	135	450	0.98	30	35	3.0	200	175	1.50	X010a	X011b Weight = 2 g
DPG 60C300HB		2x 30	135	300	1.06	30	35	3.0	200	175	0.95	X014a	
➤ DPG 60C300HJ		2x 30	140	450	0.96	30	35	3.0	200	175	1.05	X016a	X014a Weight = 6 g
➤ DPG 60C300PC		2x 30	140	150	1.06	30	35	3.0	200	175	0.85	X011b	
DPG 60C300QB		2x 30	135	300	1.06	30	35	3.0	200	175	0.95	X017a	X014a Weight = 6 g
➤ DPG 80C300HB		2x 40	135	450	1.07	40	35	3.0	200	175	0.70	X014a	
➤ DPG 60I300HA		60	125	550	1.10	60	35	3.0	200	175	0.55	X014b	X011b Weight = 0.45
DPG 60IM300PC		60	135	550	1.10	60	35	3.0	200	175	0.45	X011b	
DPG 120C300QB		2x 60	125	550	1.10	60	35	3.0	200	175	0.55	X017a	
DPG 10I400PA	400	10	145	100	1.04	10	45	4.0	200	175	2.30	X005b	X014b Weight = 6 g
DPG 10I400PM		10	120	100	1.04	10	45	4.0	200	175	4.40	X007b	
➤ DPG 10P400PJ	2x 400	10	150	130	1.02	10	45	4.0	200	175	2.05	X010a	X005a Weight = 6 g
DPG 20C400PB		2x 10	145	100	1.04	10	45	4.0	200	175	2.30	X005a	
➤ DPG 20C400PN		2x 10	120	100	1.04	10	45	4.0	200	175	4.40	X007a	X007b Weight = 4.20
DPG 15I400PM		15	130	130	1.08	15	45	4.0	200	175	4.20	X007b	
➤ DPG 30C400PB		2x 15	140	150	1.08	15	45	4.0	200	175	1.70	X005a	X016a Weight = 5 g
DPG 30C400HB		2x 15	140	150	1.07	15	45	4.0	200	175	1.70	X014a	
➤ DPG 30I400HA		30	135	300	1.13	30	45	4.0	200	175	0.95	X014b	X016b Weight = 5 g
➤ DPF 60XA400NA		2x 30	tbd	tbd	tbd	30	60	6.0	200	175	1.15	X027a	
➤ DPG 60C400HB		2x 30	135	300	1.13	30	45	4.0	200	175	0.95	X014a	X016b Weight = 5 g
DPG 60C400QB		2x 30	135	300	1.13	30	45	4.0	200	175	0.95	X017a	
➤ DPG 80C400HB		2x 40	135	450	1.14	40	45	4.0	200	175	0.70	X014a	X014a Weight = 0.55
DPG 60I400HA		60	120	600	1.22	60	45	4.0	200	175	0.55	X014b	
➤ DPF 60IM400HB		60	130	600	1.09	60	60	6.0	200	175	0.55	X014a	X017a Weight = 0.60
DPG 60IM400QB		60	120	600	1.22	60	45	4.0	200	175	0.55	X017a	
➤ DPF 120X400NA		2x 60	tbd	tbd	tbd	60	60	6.0	200	175	0.60	X027a	X017a Weight = 5 g
➤ DPF 240X400NA		2x 120	tbd	tbd	tbd	120	60	6.0	200	175	0.45	X027a	
➤ DPF 400C400NB ^①		2x 200	tbd	tbd	tbd	200	60	6.0	200	175	tbd	X027b	
➤ DPH 30IS600HI	600	30	135	140	1.89	30	30	2.0	200	175	0.55	X016b	

① Non isolated base plate

X027a/b SOT-227B/UI miniBLOC
Weight = 30 g

X010a ISOPLUS220™
Weight = 2 g

