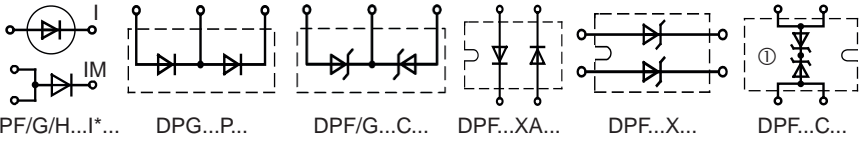


HiPerFRED2™ Diodes



$I_{FAV} = 10 - 2x 120 A$

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
> New	V	A	°C	10 ms 45°C	V	A	ns	typ. $T_{VJ} = 25°C$	A/ μ s	°C	K/W		Outline drawings on pages O-36...O-59
DPG 10I200PA	200	10	145	140	0.98	10	35	3	200	175	2.30	X005b	X004 TO-252AA
DPG 10I200PM		10	125	140	0.98	10	35	3	200	175	4.40	X007b	
DPG 20C200PB		2x 10	145	140	0.98	10	35	3	200	175	2.30	X005a	X005a TO-220AB
DPG 20C200PN		2x 10	125	140	0.98	10	35	3	200	175	4.40	X007a	
DPG 15I200PA		15	140	240	1.01	15	35	3	200	175	1.70	X005b	
DPG 30C200PB		2x 15	140	240	1.01	15	35	3	200	175	1.70	X005a	
DPG 30C200PC		2x 15	140	240	1.01	15	35	3	130	175	1.70	X011b	
DPG 30C200HB		2x 15	140	240	1.00	15	35	3	200	175	1.70	X014a	X005b TO-220AC
DPF 60C200HB		2x 30	130	400	0.98	30	35	4	200	175	0.95	X014a	
DPF 60C200HJ		2x 30	130	560	0.88	30	35	4	200	175	1.05	X016a	
DPG 60C200HB		2x 30	135	360	1.06	30	35	3	200	175	0.95	X014a	
DPG 60C200QB		2x 30	135	360	1.06	30	35	3	200	175	0.95	X017a	X007a TO-220ABFP
DPF 80C200HB		2x 40	140	560	0.95	40	35	4	200	175	0.70	X014a	
DPF 60I200HA		60	135	650	0.98	60	35	4	200	175	0.55	X014b	
DPF 240X200NA		2x 120	120	1800	0.90	120	35	4	200	175	0.45	X027a	
DPG 10I300PA	300	10	145	140	0.98	10	35	3	200	175	2.30	X005b	X007b TO-220ACFP
DPG 10IM300UC		10	150	140	0.98	10	35	3	200	175	2.30	X004	
DPG 20C300PB		2x 10	145	140	0.98	10	35	3	200	175	2.30	X005a	
DPG 20C300PN		2x 10	125	140	0.98	10	35	3	200	175	4.40	X007a	X010a ISOPLUS220™
DPG 15I300PA		15	140	240	1.01	15	35	3	200	175	1.70	X005b	
DPG 30C300PB		2x 15	140	240	1.01	15	35	3	200	175	1.70	X005a	
DPG 30C300PC		2x 15	140	240	1.01	15	35	3	200	175	1.70	X011b	
DPG 30C300HB		2x 15	140	240	1.00	15	35	3	200	175	1.70	X014a	
DPF 30I300PA		30	145	390	0.98	30	55	6	200	175	0.85	X005b	X011b TO-263AB
DPG 30I300HA		30	135	360	1.06	30	35	3	200	175	0.95	X014b	
DPG 30I300PA		30	140	360	1.08	30	35	3	200	175	0.85	X005b	
DPG 30IM300PC		30	140	360	1.08	30	35	3	200	175	0.85	X011b	
DPG 30P300PJ	2x 300	30	135	450	0.99	30	35	3	200	175	1.05	X010a	X014a TO-247AD
DPF 60C300HB		2x 30	140	400	0.97	30	55	6	200	175	0.95	X014a	
DPG 60C300HB		2x 30	135	360	1.06	30	35	3	200	175	0.95	X014a	
DPG 60C300HJ		2x 30	135	450	0.96	30	35	3	200	175	1.05	X016a	
DPG 60C300PC		2x 30	140	360	1.08	30	35	3	200	175	0.85	X011b	X014b TO-247AD
DPG 60C300QB		2x 30	135	360	1.06	30	35	3	200	175	0.95	X017a	
DPG 80C300HB		2x 40	135	450	1.07	40	35	3	200	175	0.70	X014a	
DPG 60I300HA		60	125	450	1.10	60	35	3.5	200	175	0.55	X014b	
DPG 60IM300PC		60	135	450	1.14	60	35	3.5	200	175	0.45	X011b	
DPG 120C300QB		2x 60	125	450	1.10	60	35	3.5	200	175	0.55	X017a	X016a ISOPLUS247™
DPG 10I400PA	400	10	145	150	1.03	10	45	4	200	175	2.30	X005b	
DPG 10I400PM		10	120	150	1.03	10	45	4	200	175	4.40	X007b	
DPG 10P400PJ	2x 400	10	145	130	1.03	10	45	4	200	175	2.50	X010a	
DPG 20C400PB		2x 10	145	150	1.03	10	45	4	200	175	2.30	X005a	
DPG 20C400PC		2x 10	145	150	1.03	10	45	4	200	175	2.30	X011b	X016b ISOPLUS247™
DPG 20C400PN		2x 10	120	150	1.03	10	45	4	200	175	4.40	X007a	
DPG 15I400PM		15	90	190	1.14	15	45	4	200	175	4.20	X007b	
DPG 30C400PB		2x 15	140	190	1.14	15	45	4	200	175	1.70	X005a	
DPG 30C400HB		2x 15	140	190	1.13	15	45	4	200	175	1.70	X014a	X017a TO-3P
DPG 30I400HA		30	135	360	1.13	30	45	4	200	175	0.95	X014b	
DPG 30IM400PC		30	145	300	1.16	30	45	4	200	175	0.85	X011b	
> DPG 30P400PJ	2x 400	10	135	400	1.05	30	45	4	200	175	1.05	X010a	
DPG 60C400HB		2x 30	135	360	1.13	30	45	4	200	175	0.95	X014a	X027a SOT-227B miniBLOC
DPG 60C400QB		2x 30	135	360	1.13	30	45	4	200	175	0.95	X017a	
DPG 80C400HB		2x 40	135	400	1.14	40	45	4	200	175	0.70	X014a	
DPG 60I400HA		60	120	450	1.22	60	45	4	200	175	0.55	X014b	
DPF 60IM400HB		60	130	600	1.09	60	60	6	200	175	0.55	X014a	
DPG 60IM400QB		60	120	450	1.22	60	45	4	200	175	0.55	X017a	
DPF 240X400NA		2x 120	120	1100	0.95	120	60	6	200	175	0.45	X027a	
DPH 30IS600HI	600	30	140	450	1.89	30	35	3	200	175	0.55	X016b	