

# Schottky Gen<sup>2</sup> Diodes

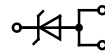
$I_{FAV} = 5 - 300 \text{ A}$



DS...X...



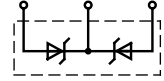
DS...I...NA



DS...IM...



DS...I...



DS...C...

Type	$V_{RRM}$	$I_{FAV}$ d = 0.5	@ $T_C$	$V_F$ $T_{VJ} = 125^\circ\text{C}$	@ $I_F$	$T_{VJM}$	$R_{thJC}$	Fig. No.	Package style Outline drawings on pages O-29...O-51
➤ New	V	A	°C	V	A	°C	K/W		
DSB 20I15PA	15	20	130	0.39	20	150	1.75	X005b	X005a <b>TO-220AB</b>
DSB 40C15PB		2x 20	130	0.39	20	150	1.75	X005a	
DSB 30C30PB	30	2x 15	130	0.44	15	150	1.75	X005a	X005b <b>TO-220AC</b>
DSB 60C30PB		2x 30	130	0.49	30	150	0.85	X005a	
DSB 60C30HB		2x 30	125	0.47	30	150	0.95	X014a	X007a <b>TO-220ABFP</b>
DSB 10I45PM	45	10	115	0.52	10	150	4.50	X007b	
DSA 20C45PB		2x 10	155	0.62	10	175	2.40	X005a	X007b <b>TO-220ACFP</b>
DSA 15I45PA		15	155	0.63	15	175	1.75	X005b	
DSA 15IM45IB		15	155	0.63	15	175	1.75	X008	X008 <b>TO-262AA (I<sup>2</sup>-PAK)</b>
DSB 15IM45IB		15	125	0.55	15	150	1.75	X008	
DSA 30C45PB		2x 15	155	0.63	15	175	1.75	X005a	X014a <b>TO-247AD</b>
DSB 30C45PB		2x 15	125	0.55	15	150	1.75	X005a	
DSA 30C45HB		2x 15	155	0.62	15	175	1.75	X014a	X016c <b>ISO247</b>
DSB 30C45HB		2x 15	125	0.54	15	150	1.75	X014a	
DSA 60C45PB		2x 30	150	0.67	30	175	0.85	X005a	X017a <b>TO-3P</b>
DSB 60C45PB		2x 30	125	0.60	30	150	0.85	X005a	
DSA 60C45HB		2x 30	150	0.66	30	175	0.95	X014a	X027a <b>SOT-227B miniBLOC</b>
DSB 60C45HB		2x 30	125	0.58	30	150	0.95	X014a	
DSA 80C45HB		2x 40	150	0.69	40	175	0.70	X014a	X030a <b>SMPD-B</b>
DSB 80C45HB		2x 40	120	0.59	40	150	0.70	X014a	
➤ DSA 300I45NA		300	95	0.70	300	150	0.20	X027a	
DSA 20C60PN	60	2x 10	140	0.70	10	175	4.50	X007a	X014a <b>TO-247AD</b>
DSB 20C60PN		2x 10	110	0.62	10	150	4.50	X007a	
DSA 30C60PB		2x 15	150	0.72	15	175	1.75	X005a	X017a <b>TO-3P</b>
DSB 30C60PB		2x 15	125	0.64	15	150	1.75	X005a	
DSA 60C60PB		2x 30	150	0.77	30	175	0.85	X005a	X017a <b>TO-3P</b>
DSB 60C60PB		2x 30	125	0.69	30	150	0.85	X005a	
DSA 60C60HB		2x 30	150	0.75	30	175	0.95	X014a	X017a <b>TO-3P</b>
DSB 60C60HB		2x 30	125	0.67	30	150	0.95	X014a	
DSA 10I100PM	100	10	135	0.71	10	175	4.50	X007b	X017a <b>TO-3P</b>
DSA 20C100PB		2x 10	155	0.71	10	175	2.40	X005a	
DSA 20C100PN		2x 10	135	0.71	10	175	4.50	X007a	X017a <b>TO-3P</b>
DSA 30C100PB		2x 15	150	0.73	15	175	1.75	X005a	
DSA 30C100PN		2x 15	120	0.73	15	175	4.25	X007a	X017a <b>TO-3P</b>
DSA 30C100HB		2x 15	150	0.72	15	175	1.75	X014a	
DSA 30C100QB		2x 15	150	0.72	15	175	1.75	X017a	X017a <b>TO-3P</b>
DSA 50C100HB		2x 25	155	0.72	25	175	0.95	X014a	
DSA 50C100QB		2x 25	155	0.72	25	175	0.95	X017a	X017a <b>TO-3P</b>
DSA 30I100PA		30	150	0.78	30	175	0.85	X005b	
DSA 60C100PB		2x 30	150	0.78	30	175	0.85	X005a	X017a <b>TO-3P</b>
DSA 70C100HB		2x 35	150	0.74	35	175	0.70	X014a	
DSA 80C100PB		2x 40	150	0.80	40	175	0.60	X005a	X017a <b>TO-3P</b>
➤ DSA 300I100NA		300	90	0.79	300	150	0.20	X027a	
➤ DSA 10C150PB	150	2x 5	155	0.71	5	175	4.80	X005a	X027a <b>SOT-227B miniBLOC</b>
DSA 20C150PB		2x 10	155	0.73	10	175	2.40	X005a	
DSA 20C150PN		2x 10	135	0.73	10	175	4.50	X007a	X027a <b>SOT-227B miniBLOC</b>
DSA 30C150PB		2x 15	150	0.75	15	175	1.75	X005a	
DSA 30C150HB		2x 15	150	0.74	15	175	1.75	X014a	X027a <b>SOT-227B miniBLOC</b>
DSA 50C150HB		2x 25	155	0.74	25	175	0.95	X014a	
DSA 30I150PA		30	150	0.80	30	175	0.85	X005b	X027a <b>SOT-227B miniBLOC</b>
➤ DSA 60C150PB		2x 30	150	0.80	30	175	0.85	X005a	
DSA 70C150HB		2x 35	150	0.77	35	175	0.70	X014a	X027a <b>SOT-227B miniBLOC</b>
DSA 120C150QB		2x 60	150	0.80	60	175	0.40	X017a	
➤ DSA 120X150LB		2x 60	150	0.80	60	175	0.80	X030a	X030a <b>SMPD-B</b>
➤ DSA 240X150NA		2x 120	95	0.85	120	150	0.40	X027a	
➤ DSA 15IM200UC	200	15	145	0.78	15	175	2.00	X004	X030a <b>SMPD-B</b>
DSA 30C200PB		2x 15	150	0.78	15	175	1.75	X005a	
➤ DSA 70C200HB		2x 35	150	0.79	35	175	0.70	X014a	X030a <b>SMPD-B</b>
DSA 90C200HB		2x 45	145	0.86	45	175	0.55	X014a	
➤ DSA 90C200HR		2x 45	140	0.79	45	175	0.70	X016c	X030a <b>SMPD-B</b>
➤ DSA 240X200NA		2x 120	90	0.87	120	150	0.40	X027a	
➤ DSA 300I200NA		300	80	0.88	300	150	0.20	X027a	