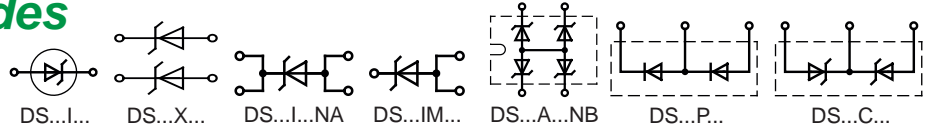












Schottky Gen² Diodes

$I_{FAV} = 10 - 300 \text{ A}$

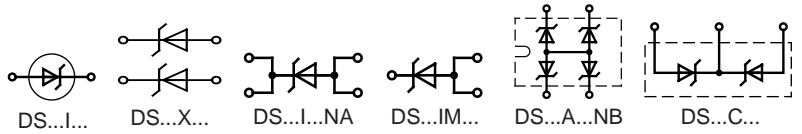


Type	V_{RRM} V	I_{FAV} A d = 0.5	@ T_C °C	V_F V $T_{VJ} = 125^\circ\text{C}$	@ I_F A	T_{VJM} °C	R_{thJC} K/W	Fig. No.	Package style Outline drawings on pages O-36...O-59
DSB 20I15PA DSB 40C15PB	15	20 2x 20	130 130	0.39 0.39	20 20	150 150	1.75 1.75	X005b X005a	X004 TO-252AA 
DSB 15I30UC DSB 30C30PB DSB 60C30PB DSB 60C30HB	30	15 2x 15 2x 30 2x 30	125 130 130 125	0.44 0.44 0.49 0.47	15 15 30 30	150 150 150 150	2.00 1.75 0.85 0.95	X004 X005a X005a X014a	X005a TO-220AB 
DSB 10I45PM DSA 20C45PB DSA 15I45PA DSA 15I45UC DSA 15I45IB DSB 15I45IB DSA 30C45PB DSA 30C45PC DSB 30C45PB DSA 30C45HB DSB 30C45HB DSA 60C45PB DSB 60C45PB DSA 60C45HB DSB 60C45HB DSA 80C45HB DSB 80C45HB DSA 300I45NA	45	10 2x 10 15 15 15 15 2x 15 2x 15 2x 15 2x 15 2x 15 2x 15 2x 30 2x 30 2x 30 2x 30 2x 40 300	115 155 155 150 155 125 155 155 125 155 125 150 125 150 125 150 120 95	0.52 0.62 0.63 0.63 0.63 0.55 0.63 0.63 0.55 0.62 0.54 0.67 0.6 0.66 0.58 0.69 0.59 0.70	10 10 15 15 15 15 15 15 15 15 15 30 30 30 30 40 300	150 175 175 175 175 150 175 175 150 175 150 175 150 175 150 175 150 150	4.50 2.40 1.75 2.00 1.75 1.75 1.75 1.75 1.75 1.75 1.75 0.85 0.85 0.95 0.85 0.95 0.70 0.70 0.20	X007b X005a X005b X004 X008a X008a X005a X011b X005a X007a X014a X014a X005a X005a X014a X014a X014a X014a X014a X027a	X005b TO-220AC  X007a TO-220ABFP  X007b TO-220ACFP 
DSB 10P60PN DSA 20C60PN DSB 20C60PN DSA 30C60PB DSB 30C60PB DSA 60C60PB DSB 60C60PB DSA 60C60HB DSB 60C60HB	2x 60 60	10 2x 10 2x 10 2x 15 2x 15 2x 30 2x 30 2x 30 2x 30	110 140 110 150 125 150 125 150 125	0.62 0.70 0.62 0.72 0.64 0.77 0.69 0.75 0.67	10 10 10 15 15 30 30 30 30	150 175 150 175 150 175 150 175 150	4.50 4.50 4.50 1.75 1.75 0.85 0.85 0.95 0.95	X007a X007a X007a X005a X005a X005a X005a X014a X014a	X008a TO-262AA (I²-PAK)  X011b TO-263AB 
DSA 10I100PM DSA 10IM100UC DSA 20C100PB DSA 20C100PN DSA 30C100PB DSA 30C100PN DSA 30C100HB DSA 30C100QB DSA 50C100HB DSA 50C100QB DSA 30I100PA DSA 60C100PB DSA 70C100HB DSA 80C100PB DSA 320A100NB ① DSA 300I100NA	100	10 10 2x 10 2x 10 2x 15 2x 15 2x 15 2x 15 2x 25 2x 25 30 2x 30 2x 35 2x 40 4x 80 300	135 150 155 135 150 120 150 150 155 155 150 150 150 150 150 85 90	0.71 0.71 0.71 0.71 0.73 0.73 0.72 0.72 0.72 0.72 0.78 0.78 0.74 0.80 0.77 0.79	10 10 10 10 15 15 15 15 25 25 30 30 35 40 80 300	175 175 175 175 175 175 175 175 175 175 175 175 175 175 175 150 150	4.50 3.00 2.40 4.50 1.75 4.25 1.75 1.75 0.95 0.95 0.85 0.85 0.70 0.60 0.80 0.20	X007b X004 X005a X007a X005a X007a X014a X017a X014a X017a X005b X005a X014a X005a X027b X027a	X014a TO-247AD  X017a TO-3P  X027a/b SOT-227B miniBLOC 

① Non isolated base plate

Schottky Gen² Diodes

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



Type	V_{RRM}	I_{FAV}	@ T_C	V_F	@ I_F	T_{VJM}	R_{thJC}	Fig. No.	Package style	
➤ New	V	A	$d = 0.5$ °C	$T_{VJ} = 125^\circ\text{C}$ V	A	°C	K/W		Outline drawings on pages O-36...O-59	
DSA 10C150PB	150	2x 5	155	0.71	5	175	4.80	X005a	X004 TO-252AA 	
DSA 10C150UC		2x 5	155	0.71	5	175	4.80	X004		
DSA 20C150PB		2x 10	155	0.73	10	175	2.40	X005a		
DSA 20C150PN		2x 10	135	0.73	10	175	4.50	X007a		
DSA 15IM150UC		15	155	0.75	15	175	2.00	X004		
DSA 30C150PB		2x 15	150	0.75	15	175	1.75	X005a		
➤ DSA 30C150PC		2x 15	150	0.75	15	175	1.75	X011b		X005a TO-220AB
DSA 30C150HB		2x 15	150	0.74	15	175	1.75	X014a		
DSA 50C150HB		2x 25	155	0.74	25	175	0.95	X014a		
DSA 30I150PA		30	150	0.80	30	175	0.85	X005b		
DSA 60C150PB		2x 30	150	0.80	30	175	0.85	X005a	X005b TO-220AC 	
DSA 70C150HB		2x 35	150	0.77	35	175	0.70	X014a		
DSA 120C150QB		2x 60	150	0.80	60	175	0.40	X017a		
DSA 120X150LB		2x 60	150	0.80	60	175	0.80	X030a		
DSA 600A150NB ①		4x 150	115	0.93	150	150	0.30	X027b	X007a TO-220ABFP 	
DSA 240X150NA		2x 120	95	0.85	120	150	0.40	X027a		
DSA 20C200PB	200	2x 10	155	0.75	10	175	2.40	X005a		
DSA 15IM200UC		15	145	0.78	15	175	2.00	X004		
DSA 30C200IB		2x 15	150	0.78	15	175	1.75	X008a		
DSA 30C200PB		2x 15	150	0.78	15	175	1.75	X005a		
➤ DSA 30C200PC		2x 15	150	0.78	15	175	1.75	X011b		X008a TO-262AA (I²-PAK)
DSA 70C200HB		2x 35	150	0.79	35	175	0.70	X014a		
DSA 90C200HB		2x 45	145	0.86	45	175	0.55	X014a		
DSA 90C200HR		2x 45	140	0.79	45	175	0.70	X016c		
DSA 120X200LB		2x 60	150	0.87	60	175	0.80	X030a	X027a/b SOT-227B miniBLOC 	
DSA 240X200LB		2x 120	150	0.87	120	175	0.40	X030a		
DSA 240X200NA		2x 120	90	0.87	120	150	0.40	X027a		
DSA 300I200NA		300	80	0.88	300	150	0.20	X027a		

① Non isolated base plate

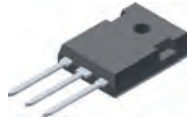
X016c

ISO247™



X014a

TO-247AD



X011b

TO-263AB



X017a

TO-3P



X030a

SMPD-B



X027a/b

SOT-227B miniBLOC

