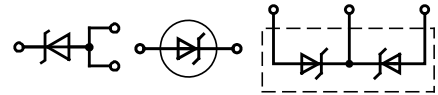


# Schottky Gen<sup>2</sup> Diodes


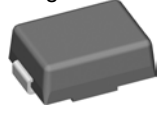
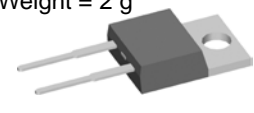
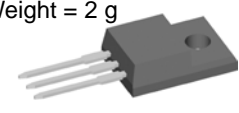
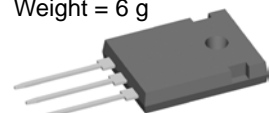
$I_{FAV} = 1 - 2 \times 60 \text{ A}$



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-30...O-52
➤ New	V	A	°C	V	A	°C	K/W		
DSB 20I15PA DSB 40C15PB	15	20 2x 20	130 130	0.39 0.39	20 20	150	1.75 1.75	X005b X005a	X001 <b>SMA (DO-214AC)</b> Weight = 0.07 g 
DSB 30C30PB ➤ DSB 60C30PB DSB 60C30HB	30	2x 15 2x 30 2x 30	130 130 125	0.44 0.49 0.47	15 30 30	150	1.75 0.85 0.95	X005a X005a X014a	
DSB 1I40SA DSB 2I40SB	40	1 2	125 125	0.40 0.42	1 2	150	$R_{thJL} 40$ $R_{thJL} 25$	X001 X002	X002 <b>SMB (DO-214AA)</b> Weight = 0.1 g 
DSB 10I45PM DSA 20C45PB DSA 15I45PA DSA 15IM45IB DSB 15IM45IB DSA 30C45PB DSB 30C45PB DSA 30C45HB DSB 30C45HB DSA 60C45PB DSB 60C45PB DSA 60C45HB DSB 60C45HB DSA 80C45HB DSB 80C45HB	45	10 2x 10 15 15 15 2x 15 2x 15 2x 15 2x 15 2x 30 2x 30 2x 30 2x 30 2x 40 2x 40	115 155 155 155 125 155 125 155 125 150 125 150 125 150 125	0.53 0.62 0.63 0.63 0.55 0.63 0.55 0.62 0.54 0.67 0.60 0.66 0.58 0.67 0.58	10 10 15 15 15 15 15 15 15 30 30 30 30 40 40	150 175 175 175 150 175 150 175 150 175 150 175 150 175 150	4.50 2.60 1.75 1.75 1.75 1.75 1.75 1.75 1.75 0.85 0.85 0.85 0.95 0.70 0.70	X007b X005a X005b X008 X008 X005a X005a X014a X014a X005a X005a X014a X014a X014a X014a X014a	
DSB 1I60SA DSB 2I60SB DSA 20C60PN DSB 20C60PN DSA 30C60PB DSB 30C60PB DSA 60C60PB DSB 60C60PB DSA 60C60HB DSB 60C60HB	60	1 2 2x 10 2x 10 2x 15 2x 15 2x 30 2x 30 2x 30 2x 30	125 125 140 115 150 125 150 125 150 125	0.50 0.52 0.68 0.63 0.70 0.69 0.74 0.69 0.72 0.67	1 2 10 10 15 15 30 30 30 30	150 150 175 150 175 150 175 150 175 150	$R_{thJL} 40$ $R_{thJL} 25$ 4.50 4.50 1.75 1.75 0.85 0.85 0.85 0.95	X001 X002 X007a X007a X005a X005a X005a X005a X014a X014a	X005b <b>TO-220AC</b> Weight = 2 g 
DSA 1I100SA DSA 2I100SB ➤ DSA 10I100PM DSA 20C100PB DSA 20C100PN DSA 30C100PB DSA 30C100PN ➤ DSA 30C100HB DSA 30C100QB DSA 50C100HB DSA 50C100QB ➤ DSA 30I100PA DSA 60C100PB DSA 70C100HB DSA 80C100PB	100	1 2 10 2x 10 2x 10 2x 15 2x 15 2x 15 2x 15 2x 25 2x 25 30 2x 30 2x 35 2x 40	125 125 140 150 140 150 120 150 150 155 155 150 150 150 150	0.65 0.65 0.72 0.72 0.72 0.73 0.73 0.72 0.72 0.72 0.72 0.78 0.78 0.74 0.73	1 2 10 10 10 15 15 15 15 25 25 30 30 35 40	175 175 175 175 175 175 175 175 175 175 175 175 175 175 175	$R_{thJL} 40$ $R_{thJL} 25$ 4.50 2.60 4.50 1.75 4.20 1.75 1.75 0.95 0.95 0.85 0.85 0.70 0.60	X001 X002 X007b X005a X007a X005a X007a X014a X017a X014a X017a X005b X005a X014a X005a	X007b <b>TO-220ACFP</b> Weight = 2 g 
DSA 20C150PB DSA 20C150PN DSA 30C150PB ➤ DSA 30C150HB DSA 50C150HB ➤ DSA 30I150PA DSA 70C150HB DSA 120C150QB	150	2x 10 2x 10 2x 15 2x 15 2x 25 30 2x 35 2x 60	150 140 150 150 155 150 150 150	0.74 0.74 0.75 0.74 0.74 0.80 0.74 0.80	10 10 15 15 25 30 35 60	175 175 175 175 175 175 175 175	2.60 4.50 1.75 1.75 0.95 0.85 0.70 0.40	X005a X007a X005a X014a X014a X005b X014a X017a	X014a <b>TO-247AD</b> Weight = 6 g 
➤ DSA 30C200PB DSA 90C200HB	200	2x 15 2x 45	150 150	0.88 0.88	15 45	175 175	1.75 0.55	X005a X014a	X017a <b>TO-3P</b> Weight = 5 g 