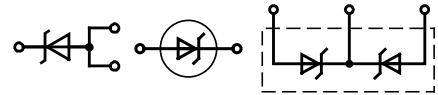


Schottky Gen² Diodes


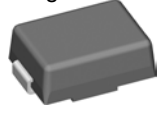
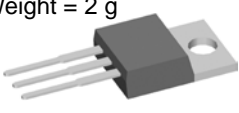
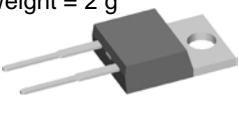
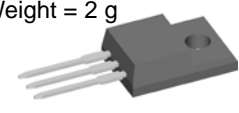
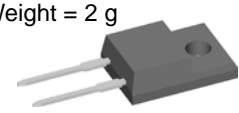
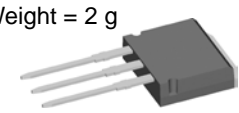
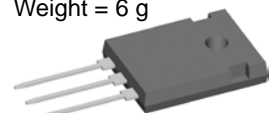
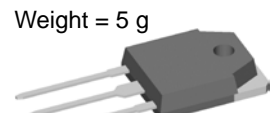
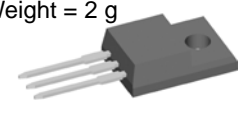
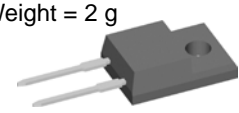
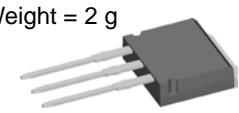
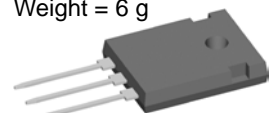
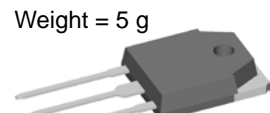
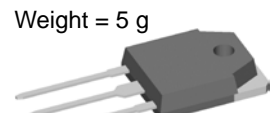
$$I_{FAV} = 1 - 2 \times 60 \text{ A}$$



DS...IM...

DS...I...

DS...C...

| Type | V _{RRM} | I _{FAV} d = 0.5 | @ T _C | V _F T _{VJ} = 125°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 | 15 | 20 | 130 | 0.39 | 20 | 150 | 1.75 | X005b | | |
| DSB 40C15PB | | 2x 20 | 130 | 0.39 | 20 | | 1.75 | X005a | | |
| DSB 30C30PB | 30 | 2x 15 | 130 | 0.44 | 15 | 150 | 1.75 | X005a | X001 SMA (DO-214AC) Weight = 0.07 g  | |
| ➤ DSB 60C30PB | | 2x 30 | 130 | 0.49 | 30 | | 0.85 | X005a | | |
| DSB 60C30HB | | 2x 30 | 125 | 0.47 | 30 | | 0.95 | X014a | | |
| DSB 1I40SA | 40 | 1 | 125 | 0.40 | 1 | 150 | R _{thJL} 40 | X001 | | |
| DSB 2I40SB | | 2 | 125 | 0.42 | 2 | | R _{thJL} 25 | X002 | | |
| DSB 10I45PM | 45 | 10 | 115 | 0.53 | 10 | 150 | 4.50 | X007b | X002 SMB (DO-214AA) Weight = 0.1 g  X005a TO-220AB Weight = 2 g  X005b TO-220AC Weight = 2 g  X007a TO-220ABFP Weight = 2 g  X007b TO-220ACFP Weight = 2 g  X008 TO-262AA (i2-PAC) Weight = 2 g  X014a TO-247AD Weight = 6 g  X017a TO-3P Weight = 5 g  | |
| DSA 20C45PB | | 2x 10 | 155 | 0.62 | 10 | 175 | 2.60 | X005a | | |
| DSA 15I45PA | | 15 | 155 | 0.63 | 15 | 175 | 1.75 | X005b | | |
| DSA 15IM45IB | | 15 | 155 | 0.63 | 15 | 175 | 1.75 | X008 | | |
| DSB 15IM45IB | | 15 | 125 | 0.55 | 15 | 150 | 1.75 | X008 | | |
| DSA 30C45PB | | 2x 15 | 155 | 0.63 | 15 | 175 | 1.75 | X005a | | |
| DSB 30C45PB | | 2x 15 | 125 | 0.55 | 15 | 150 | 1.75 | X005a | | |
| DSA 30C45HB | | 2x 15 | 155 | 0.62 | 15 | 175 | 1.75 | X014a | | |
| DSB 30C45HB | | 2x 15 | 125 | 0.54 | 15 | 150 | 1.75 | X014a | | |
| DSA 60C45PB | | 2x 30 | 150 | 0.67 | 30 | 175 | 0.85 | X005a | | |
| DSB 60C45PB | | 2x 30 | 125 | 0.60 | 30 | 150 | 0.85 | X005a | | |
| DSA 60C45HB | | 2x 30 | 150 | 0.66 | 30 | 175 | 0.95 | X014a | | |
| DSB 60C45HB | | 2x 30 | 125 | 0.58 | 30 | 150 | 0.95 | X014a | | |
| DSA 80C45HB | | 2x 40 | 150 | 0.67 | 40 | 175 | 0.70 | X014a | | |
| DSB 80C45HB | | 2x 40 | 125 | 0.58 | 40 | 150 | 0.70 | X014a | | |
| DSB 1I60SA | 60 | 1 | 125 | 0.50 | 1 | 150 | R _{thJL} 40 | X001 | | |
| DSB 2I60SB | | 2 | 125 | 0.52 | 2 | 150 | R _{thJL} 25 | X002 | | |
| DSA 20C60PN | | 2x 10 | 140 | 0.68 | 10 | 175 | 4.50 | X007a | X007a TO-220ABFP Weight = 2 g  X007b TO-220ACFP Weight = 2 g  X008 TO-262AA (i2-PAC) Weight = 2 g  X014a TO-247AD Weight = 6 g  X017a TO-3P Weight = 5 g  | |
| DSB 20C60PN | | 2x 10 | 115 | 0.63 | 10 | 150 | 4.50 | X007a | | |
| DSA 30C60PB | | 2x 15 | 150 | 0.70 | 15 | 175 | 1.75 | X005a | | |
| DSB 30C60PB | | 2x 15 | 125 | 0.69 | 15 | 150 | 1.75 | X005a | | |
| DSA 60C60PB | | 2x 30 | 150 | 0.74 | 30 | 175 | 0.85 | X005a | | |
| DSB 60C60PB | | 2x 30 | 125 | 0.69 | 30 | 150 | 0.85 | X005a | | |
| DSA 60C60HB | | 2x 30 | 150 | 0.72 | 30 | 175 | 0.95 | X014a | | |
| DSB 60C60HB | | 2x 30 | 125 | 0.67 | 30 | 150 | 0.95 | X014a | | |
| DSA 1I100SA | 100 | 1 | 125 | 0.65 | 1 | 175 | R _{thJL} 40 | X001 | | |
| DSA 2I100SB | | 2 | 125 | 0.65 | 2 | 175 | R _{thJL} 25 | X002 | | |
| ➤ DSA 10I100PM | | 10 | 140 | 0.72 | 10 | 175 | 4.50 | X007b | | |
| DSA 20C100PB | | 2x 10 | 150 | 0.72 | 10 | 175 | 2.60 | X005a | | |
| DSA 20C100PN | | 2x 10 | 140 | 0.72 | 10 | 175 | 4.50 | X007a | | |
| DSA 30C100PB | | 2x 15 | 150 | 0.73 | 15 | 175 | 1.75 | X005a | | |
| DSA 30C100PN | | 2x 15 | 120 | 0.73 | 15 | 175 | 4.20 | X007a | | |
| ➤ DSA 30C100HB | | 2x 15 | 150 | 0.72 | 15 | 175 | 1.75 | X014a | | |
| DSA 30C100QB | | 2x 15 | 150 | 0.72 | 15 | 175 | 1.75 | X017a | | |
| DSA 50C100HB | | 2x 25 | 155 | 0.72 | 25 | 175 | 0.95 | X014a | | |
| DSA 50C100QB | | 2x 25 | 155 | 0.72 | 25 | 175 | 0.95 | X017a | | |
| ➤ DSA 30I100PA | | 30 | 150 | 0.78 | 30 | 175 | 0.85 | X005b | | |
| DSA 60C100PB | | 2x 30 | 150 | 0.78 | 30 | 175 | 0.85 | X005a | | |
| DSA 70C100HB | | 2x 35 | 150 | 0.74 | 35 | 175 | 0.70 | X014a | | |
| DSA 80C100PB | | 2x 40 | 150 | 0.73 | 40 | 175 | 0.60 | X005a | | |
| DSA 20C150PB | 150 | 2x 10 | 150 | 0.74 | 10 | 175 | 2.60 | X005a | X017a TO-3P Weight = 5 g  | |
| DSA 20C150PN | | 2x 10 | 140 | 0.74 | 10 | 175 | 4.50 | X007a | | |
| DSA 30C150PB | | 2x 15 | 150 | 0.75 | 15 | 175 | 1.75 | X005a | | |
| ➤ 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 70C150HB | | 2x 35 | 150 | 0.74 | 35 | 175 | 0.70 | X014a | | |
| DSA 120C150QB | | 2x 60 | 150 | 0.80 | 60 | 175 | 0.40 | X017a | | |
| ➤ DSA 30C200PB | 200 | 2x 15 | 150 | 0.88 | 15 | 175 | 1.75 | X005a | | |
| DSA 90C200HB | | 2x 45 | 150 | 0.88 | 45 | 175 | 0.55 | X014a | | |