



22892212

SKM300GBD12T4 [↗](#)

SEMITRANS 3

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Product specifications

Characteristic	Value
Chip technology	IGBT 4 Fast (Trench)
Country of origin	Slovakia
Current (A)	300 A
Dimensions (LxWxH)	106x62x31
Features	<ul style="list-style-type: none"> • IGBT4 = 4th generation fast trench IGBT (Infineon) • CAL4 = Soft switching 4th generation CAL-diode • Insulated copper baseplate using DBC technology (Direct Bonded Copper) • Increased power cycling capability • With integrated gate resistor • For higher switching frequencies up to 20kHz • UL recognized, file no. E63532
Housing	SEMITRANS 3
Legacy part number	22892212
Product line	SEMITRANS
Product Status	In Production
Technology	IGBT
Topology	Half-Bridge
Type	SEMITRANS 3
Typical applications	Current source inverter
Voltage (V)	1200 V

General specifications

Characteristic	Value
Gross weight	0.32 Kilogram
Net weight	0.31 Kilogram
Proposition 65	Cancer and Reproductive Harm

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