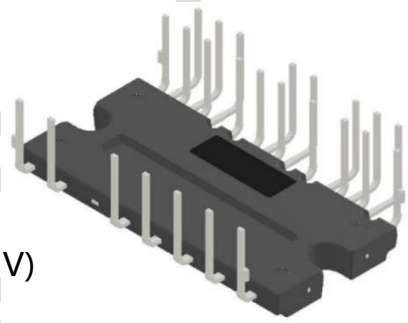
BD006DA060DD

Descriptions

- BD006DA060DD is an insulated type three-phase Intelligent Power Modules (IPM), highly integrated in a compact package. With the embedded HVIC as the most compatible driver and protector for IGBTs, this Micro series IPM offers an efficient power inverter solution with outstanding performance for PMSM motors such as low power fan or pump for home appliances and Industrial Instruments.



Features

- 600V /6A three-phase DC/AC IGBT inverter
- HVIC for gate driving and protecting
- Built-in Control supply under-voltage protection (UV)
- Built-in Short circuit protection (SC)
- Built-in Over Temperature protection
- Separate Open−Emitter Pins from Low−Side IGBTs for Three−Phase Current Sensing
- Appropriate for 3.3v/5v logic high-active interface
- Bootstrap diode integrated
- Isolation 1500Vrms/min

Applications

- Low Power Motors for Home Appliances and Industrial Instruments
- Air Conditioner Outside Fan
- Refrigerator Compressors
- Washing Machine

Parameters

Type	V_{CE}	I_C	T_{vjmax}	Package
BD006DA060DD	600V	6A	+150°C	DIP25

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