# BM300AH170EG1

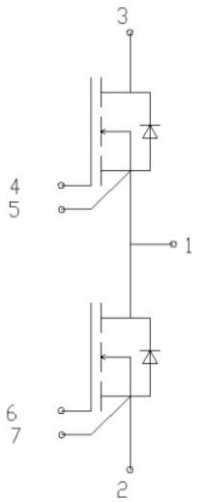
## General Description

The BM300AH170EG1 module incorporates 1700V Gen3 N-channel SiC MOSFET.

## Features



- Industry Standard 62mm Footprint
- Ultra Low Loss, High-frequency Operation
- Zero Reverse Recovery from Diodes
- Zero Turn-off Tail Current from MOSFET
- Normally-off, Fail-safe Device Operation
- Copper Baseplate and Silicon Nitride Insulator




## Applications

- High Frequency Switching Application
- DC/DC Converter
- Solar and Wind Inverters
- UPS and SMPS
- Traction

## Package Parameters

| Type | $V_{DS}$ | $I_D$ | $R_{DSON}$ | $T_{vjmax}$ | Package |
|---|---|---|---|---|---|
| BM300AH170EG1 | 1700V | 300A | 8.3mΩ | 175°C | 62MM |

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