

MCC's Super Junction MOSFETs: High-Power Performance with ESD Protection

MSJB11N80A-TP MSJP11N80A-BP
MSJP09N65A-BP MSJPF11N80A-BP

Super Junction MOSFETs



Features

- Voltage ranges from 650V up to 800V
- ESD protected up to 2KV(HBM)
- Low on-resistance
- Low conduction losses
- Ultra-low gate charge reduces driving requirement
- Temperature range of -55°C to +150°C
- D2-PAK, TO-220AB(H), and TO-220F package options



Benefits

The ultra-low gate charge and SJ technology enhance efficiency and reduce energy consumption.

A wide temperature range of -55°C to +150°C enables reliable performance in extreme conditions found in Industrial environments.

Applications



DC-DC Converters



Motor Controls

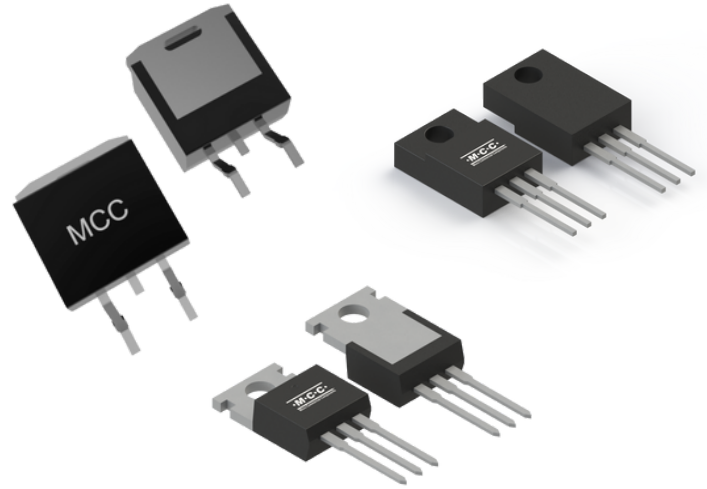


Solar Panel Charging



Upgrade Your Industrial Designs with up to 800V

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Parametrics & Datasheets:

Product	TYPE	Package	Mounting Type	Drain-Source Voltage VDS	RDS(ON) Max	Datasheet
MSJB11N80A-TP	SJ MOSFET	D2-PAK	Surface mount	800V	0.47	Info
MSJP09N65A-BP	SJ MOSFET	TO-220AB(H)	Through-hole	650V	0.96	Info
MSJP11N80A-BP	SJ MOSFET	TO-220AB(H)	Through-hole	800V	0.47	Info
MSJPF11N80A-BP	SJ MOSFET	TO-220F	Through-hole	800V	0.47	Info

Applications:



Automotive



Industrial



Renewable Energy

- Battery charging systems
- DC-DC converters
- High-power LED lighting systems

- Motor drives
- Uninterruptible power supplies (UPS)
- Welding equipment
- Industrial automation devices
- High-voltage DC-DC converters

- Solar inverters
- Wind power converters

CONTACT MCC TO REQUEST A SAMPLE

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