

MCC Unveils 100V AEC-Q101 MOSFET for Enhanced Auto Performance

AEC-Q101 qualified MOSFET



Features

- Exceptional performance and reliability
- AEC-Q101 qualified
- SGT technology for improved performance
- Low on-resistance for enhanced efficiency
- High current density capabilities
- Low-profile TOLL package saves design space
- Excellent heat dissipation for reliable operation in high temperatures



Benefits

SGT technology delivers improved performance and efficiency compared to traditional MOSFETs.

The low-profile TOLL package saves valuable space in automotive systems, provides design flexibility, and streamlines installation.

Applications



Battery
Management
Systems (BMS)



Motor
Drivers

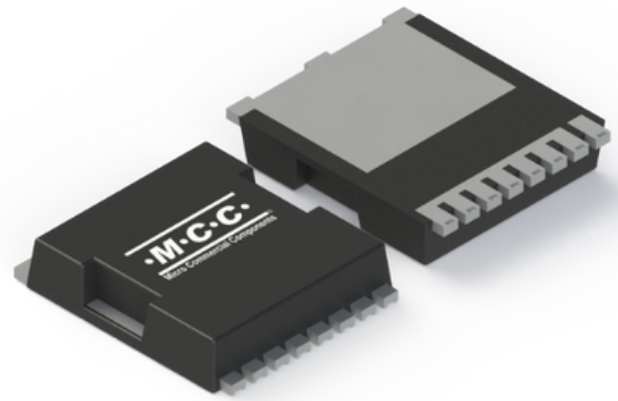


Solar
Inverters



Split-Gate Trench Technology & Compact TOLL Package Enable Optimal Operation

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Parametrics & Datasheet:

Product	TYPE	Package	Drain-Source Voltage (VDS)	Current – Continuous Drain (Id) @ 25C	Mounting Type	Datasheet
MCTL300N10YHE3	Power MOSFET	TOLL-8L	100V	300A	Surface Mount	Info

Applications:



Automotive



Industrial

- Battery management systems (BMS)
- Motor drives
- Interior & exterior LED lighting
- DC-DC converters
- Motor drives
- Solar inverters
- DC-DC converters
- Battery management systems (BMS)

CONTACT MCC TO REQUEST A SAMPLE

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