

Unleash Peak Thermal Power & Performance in MCC's New 150V and 200V MOSFETs

Power MOSFETs



Features

- Exceptional thermal performance
- Low $R_{DS(on)}$ for efficient power handling
- High power density package for enhanced durability
- Split-gate trench (SGT) technology for improved performance and efficiency
- Designed for harsh industrial conditions
- Excellent thermal dissipation for stable operation in high-temperature environments
- Offers versatile packaging options, including D2PAK and TOLL
- Excellent noise immunity for enhanced system stability
- Suitable for a wide range of demanding applications



Benefits

High thermal performance and low $R_{DS(on)}$ enable our MOSFETs to handle substantial current efficiently while minimizing power losses, improving overall system efficiency, and reducing energy consumption.

With high power density packages and robust designs, our MOSFETs offer reliable power handling and consistent, uninterrupted operation in harsh industrial environments.

Applications



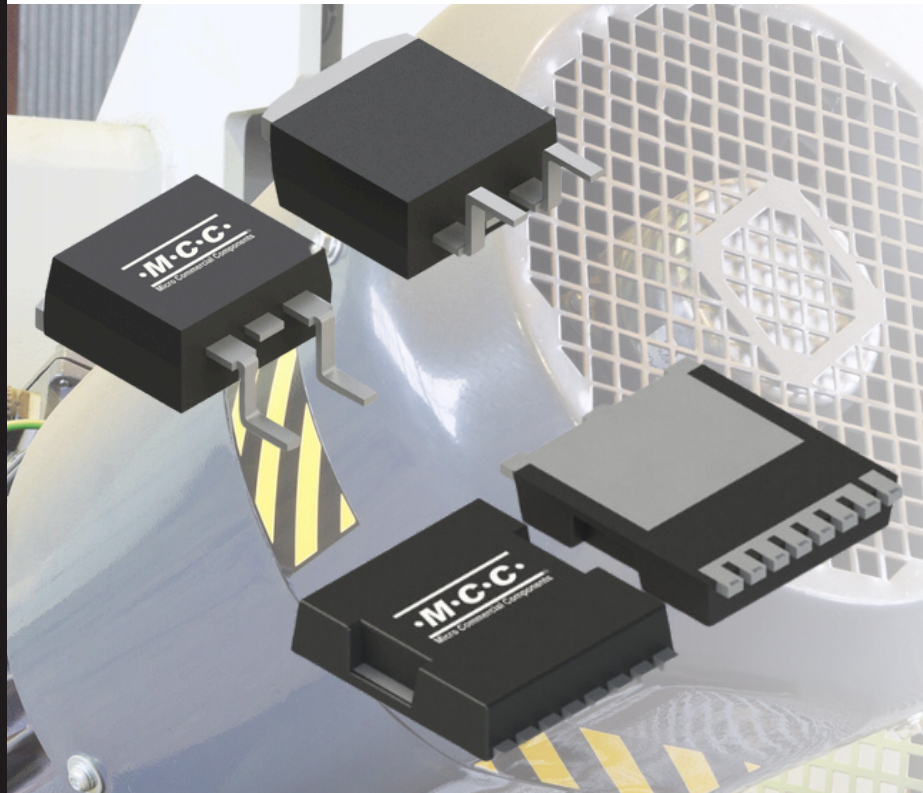
Battery Management Systems



Garden Tools

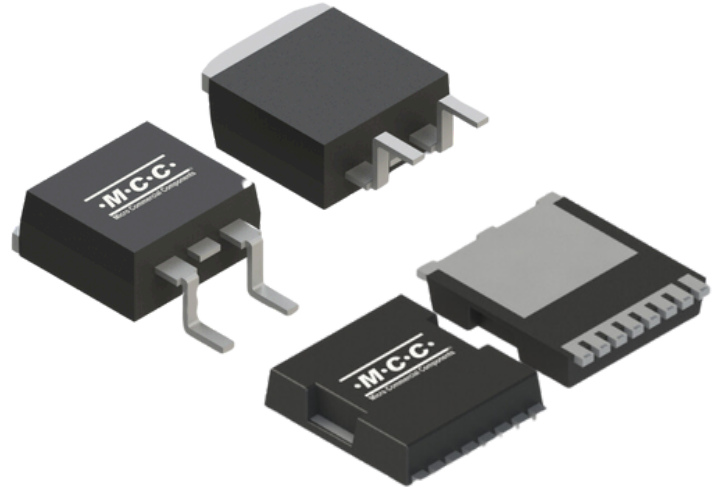


Power Supplies



N-Channel Power MOSFETs Made for Harsh Environments in TOLL & D2PAK

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Parametrics & Datasheets:

Product	TYPE	Package	Drain-Source Voltage VDS	Gate-Source Voltage VGS	Mounting Type	Datasheet
MCB220N15Y	Power MOSFETS	D2PAK	150V	20V	Surface Mount	Info
MCTL80N20Y	Power MOSFETS	TOLL-8L	200V	20V	Surface Mount	Info

Applications:



Industrial



Consumer Electronics



Computing

- Battery management systems
- Power supplies
- Motor controls
- Power tools

- Battery management systems
- Power tools
- Garden tools

- Power supplies

CONTACT MCC TO REQUEST A SAMPLE

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