

MCC Advances High-Power Switching with 100V N-Channel MOSFET

100V N-CHANNEL MOSFET



Features

- High-performance 100V N-channel MOSFET
- Utilizes SGT technology
- Low on-resistance of 2.6mΩ
- Impressive junction-to-case thermal resistance of 0.6K/W
- Maximizes thermal efficiency and minimizes power losses
- Excellent thermal capabilities
- Robust current handling capacity
- Designed for TO-220 package with high surge capability



Benefits

Our 100V N-Channel MOSFET, MCP2D6N10Y, Leveraging advanced split-gate-trench (SGT) technology and low on-resistance of 2.6mΩ.

This MOSFET is made to slash conduction losses while enhancing thermal efficiency.

Applications



Lighting Controls



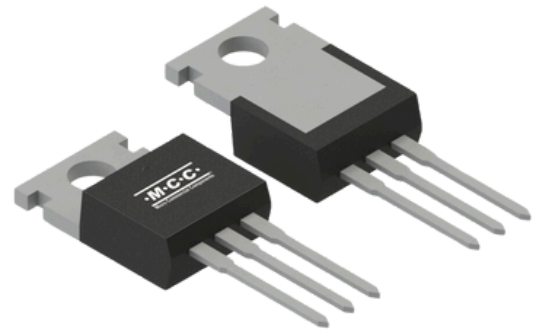
Battery Management Systems



Industrial Motor Drives

Optimal Thermal Performance with Low RDS(on) in a TO-220 Package

Excellent thermal properties, high surge capability, and low on-resistance



Product Attributes, Parametrics & Datasheets

Product	Type	Package	Drain-Source Voltage VDS	Drain-Source On-Resistance RDS (ON)	Mounting Type	Datasheet
MCP2D6N10Y	N-Channel MOSFET	TO-220AB(H)	100V	2.6mΩ	Through-hole	Info

Applications:



Industrial

- DC-DC converters
- Battery management systems (BMS)
- Lighting controls
- Industrial motor drives

CONTACT MCC TO REQUEST A SAMPLE

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