

# Optimize Performance with MCC's 150V MOSFET

## 150V N-CHANNEL MOSFET



### Features

- SGT Technology
- Low on-resistance of  $4\text{m}\Omega$  minimizes power losses
- Low conduction losses reduce energy waste
- Low junction-to-case thermal resistance of  $0.39\text{K/W}$
- High operating junction temperature capability up to  $175^\circ\text{C}$



### Benefits

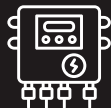
Dramatically reduces power losses while boosting efficiency in high-power applications.

Well-suited for diverse applications, offering flexibility and reliability across different industries.

### Applications



Electric motor controls



Inverter circuits



Battery management systems (BMS)



## Low Losses & Low RDS(on) in TOLL Package

# Ideal for High-Power Applications



## Product Attributes, Parametrics & Datasheets

Product	Type	Package	Drain-Source Voltage VDS	Drain-Source On-Resistance (max.) RDS(ON)	Mounting Type	Datasheet
<a href="#"><b>MCTL4D0N15YH</b></a>	N-Channel Power MOSFET	TOLL-8L	150V	4mΩ	Surface-Mount (SMD)	<a href="#"><b>Info</b></a>

## Applications:



### Industrial

- High power switching applications
- Electric motor controls
- Motor drives
- Lighting controls

### Consumer

- Power supply units
- Inverter circuits

### Energy Management

- Battery management systems (BMS)
- DC-DC converters

**CONTACT MCC TO REQUEST A SAMPLE**

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