

**150V MOSFET AEC-Q101****Features**

- AEC-Q101 qualified
- SGT technology
- Excellent thermal properties
- Low RDS(on) of 17mΩ
- High power density D2PAK package
- High junction temperature up to 175°C

**Benefits**

AEC-Q101 qualification ensures our MOSFET will perform without question for the long haul under the rigorous conditions found in automotive applications.

With RDS(on) of only 17mΩ, this MOSFET minimizes conduction losses and reduces heat generation, enhancing overall efficiency.

Compact, high-power applications must reduce overheating, and our MOSFET delivers thermal stability under stress with low junction-to-case resistance and high junction temp capability up to 175°C.

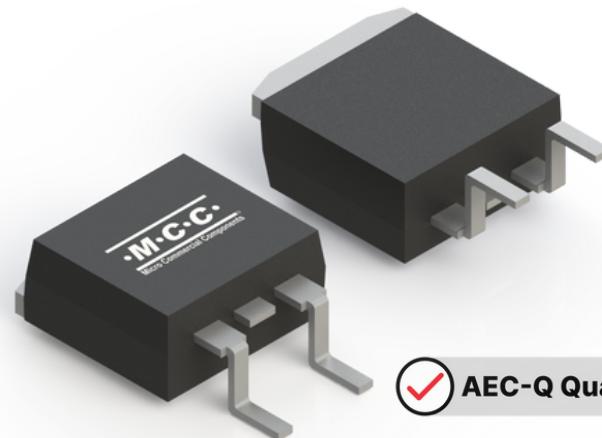
**Applications**Lighting  
ControlsMotor  
ControlsBattery  
Management  
Systems (BMS)

# MCC Unleashes New AEC-Q101 Qualified, 150V N-Channel Power MOSFET



## Unlock High Power Potential in Demanding Automotive Applications

# MCC Unleashes New AEC-Q101 Qualified, 150V N-Channel Power MOSFET



AEC-Q Qualified

## Parametrics & Datasheets:

Product	TYPE	Package	Drain-Source Voltage (VDS)	Drain-Source On-Resistance (RDSON)	Mounting Type	Datasheet
<a href="#">MCB70N15YHE3</a>	N-Channel Power MOSFET	D2PAK	150V	17mΩ	Surface-mount	<a href="#">Info</a>

## Applications:



Automotive



Industrial

- Battery management systems (BMS)
- Lighting control systems
- Motor drives for electric and hybrid vehicles
- DC-DC converters for automotive electronics

- Motor drives
- DC-DC converters

**CONTACT MCC TO REQUEST A SAMPLE**

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