

±60V DUAL N/P-CHANNEL MOSFET



Features

- Wide ±60V voltage capability
- Dual N and P-channel MOSFETs integrated into one device
- Ultra-small SOT-563 package (1.6 mm × 1.6 mm × 0.6 mm)
- ESD HBM Class 2 protection for N-channel MOSFET



Benefits

Compact SOT-563 package allows significant board space savings, ideal for densely populated designs and portable devices.

Integrating both N and P-channel MOSFETs in a single package reduces component count and streamlines circuit layout.

Built-in ESD HBM Class 2 protection enhances device robustness, minimizing ESD damage risks.

Applications



Power
management
modules



Battery-
powered
devices



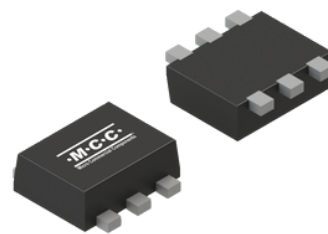
Motor
drivers

Explore MCC's ±60V Dual N/P-Channel MOSFET in SOT-563 Package



Superior Alternative to Discrete N/P MOSFETs In a Single Package

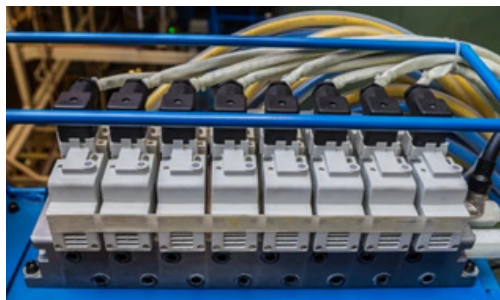
Minimizes PCB Footprint, Reduce Component Count, and Streamline Your Designs



Product Attributes, Parametrics & Datasheets

| Product | Type | Package | Drain Source Voltage VDS | Drain Source On-Resistance (max.) RDS(on) | Datasheet |
|------------------------------------|----------------------|---------|--------------------------|---|-----------------------------|
| <u>MC7252KV-TP</u> | N/P - Channel MOSFET | SOT-563 | 60/-60 | 2.5/4.0 | <u>Info</u> |

Applications:



Industrial and Telecom Equipment

- Power management modules
- Relay and solenoid drivers
- Signal switching circuits
- DC/DC converters



Consumer and Portable Electronics

- Battery-powered devices
- Power supply switching
- Load switches
- LED drivers



General Purpose

- Level shifters
- Logic level translation
- Motor drivers

CONTACT MCC TO REQUEST A SAMPLE

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