

100V P-CHANNEL MOSFETS



Features

- Trench MOSFET technology enhances current capacity
- Low on-resistance of 55mΩ or 85mΩ minimizes power consumption
- Low conduction losses improve overall system operation
- Excellent thermal performance prevents devices from overheating



Benefits

These 100V P-channel MOSFETs reduce power losses while enhancing system performance.

Compact DFN5060 and DPAK packages enable efficient board use, supporting versatile and flexible product designs.

Applications



Motor drives

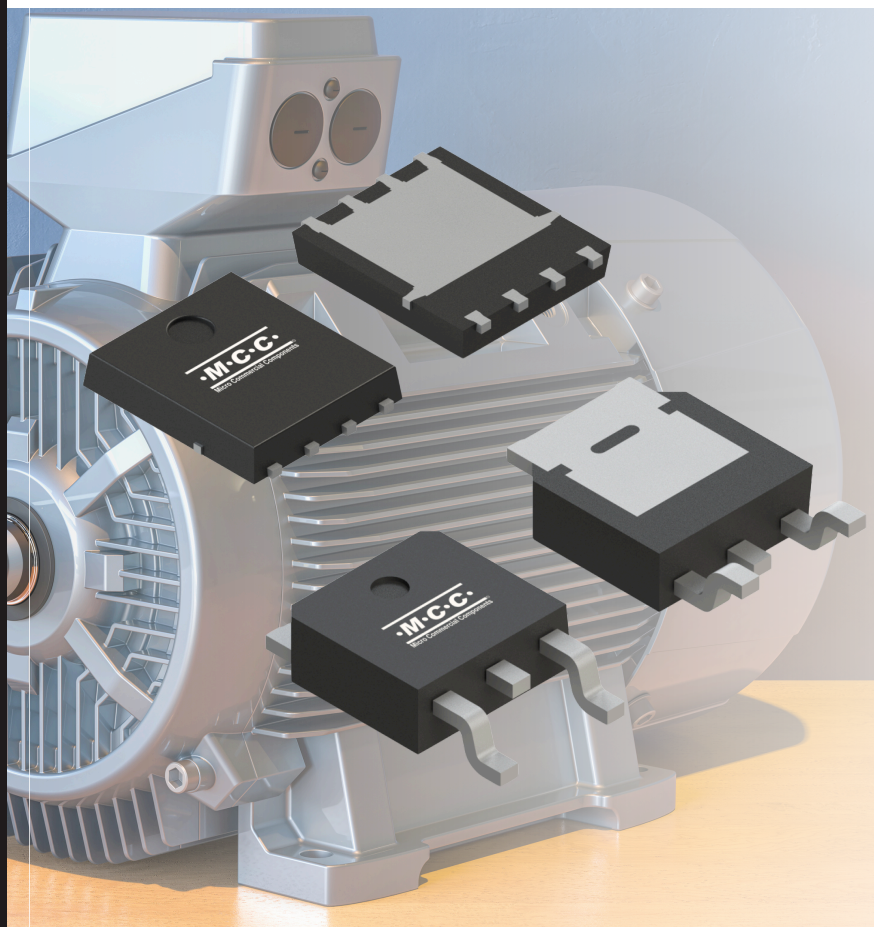


Battery protection



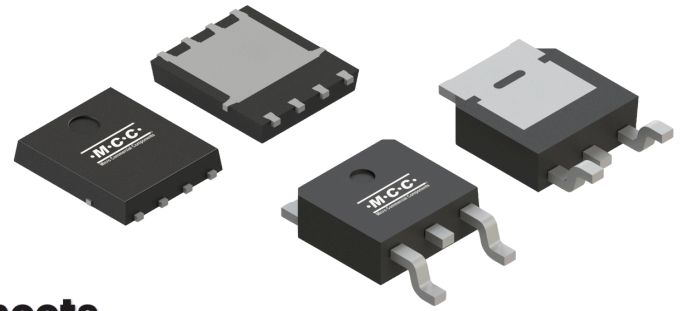
Battery management systems (BMS)

Versatile & Powerful: MCC's 100V P-channel MOSFETs with Low RDS(on)



Superior Performance in DFN5060 and DPAK Packages

Compact Solutions for Industrial Automation



Product Attributes, Parametrics & Datasheets

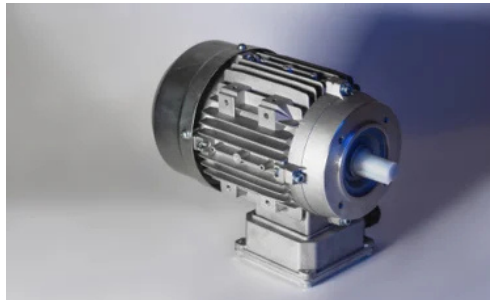
Product	Type	Package	Drain-Source Voltage	Drain-Source On-Resistance RDS(on)(max)	Mounting Type	Datasheet
MCAC085P10	P-Channel Power MOSFET	DFN5060	-100V	85mΩ	Surface-Mount (SMD)	Info
MCAC055P10	P-Channel Power MOSFET	DFN5060	-100V	55mΩ	Surface-mount (SMD)	Info
MCU055P10	P-Channel Power MOSFET	DPAK (TO-252)	-100V	55mΩ	Surface-mount (SMD)	Info
MCU085P10	P-Channel Power MOSFET	DPAK (TO-252)	-100V	85mΩ	Surface-mount (SMD)	Info

Applications:



Power Management

- Battery protection
- DC-DC converters



Industrial Automation

- Motor drives
- High-side switches



Lighting Solutions

- Lighting controls

CONTACT MCC TO REQUEST A SAMPLE

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