

# 30V P-Channel MOSFET: Get High Performance and High Power Density

## 30V P-CHANNEL MOSFET



### Features

- Advanced engineering: Trench MOSFET technology
- Excellent Thermal Properties: Good thermal management
- Optimized efficiency: Low RDS(on) of 11mΩ reduces power losses
- Enhanced performance: High power density package
- Compact form factor: PDFN3333 package measures only 3.3mm x 3.3mm



### Benefits

Our advanced MOSFET: [MCG50P03B](#), 30V P-channel component is meticulously engineered to deliver where space is at a premium, and reliable performance is a must.

Its compact PDFN333 package measures only 3mm x 3mm, providing high power density for challenging applications.

### Applications



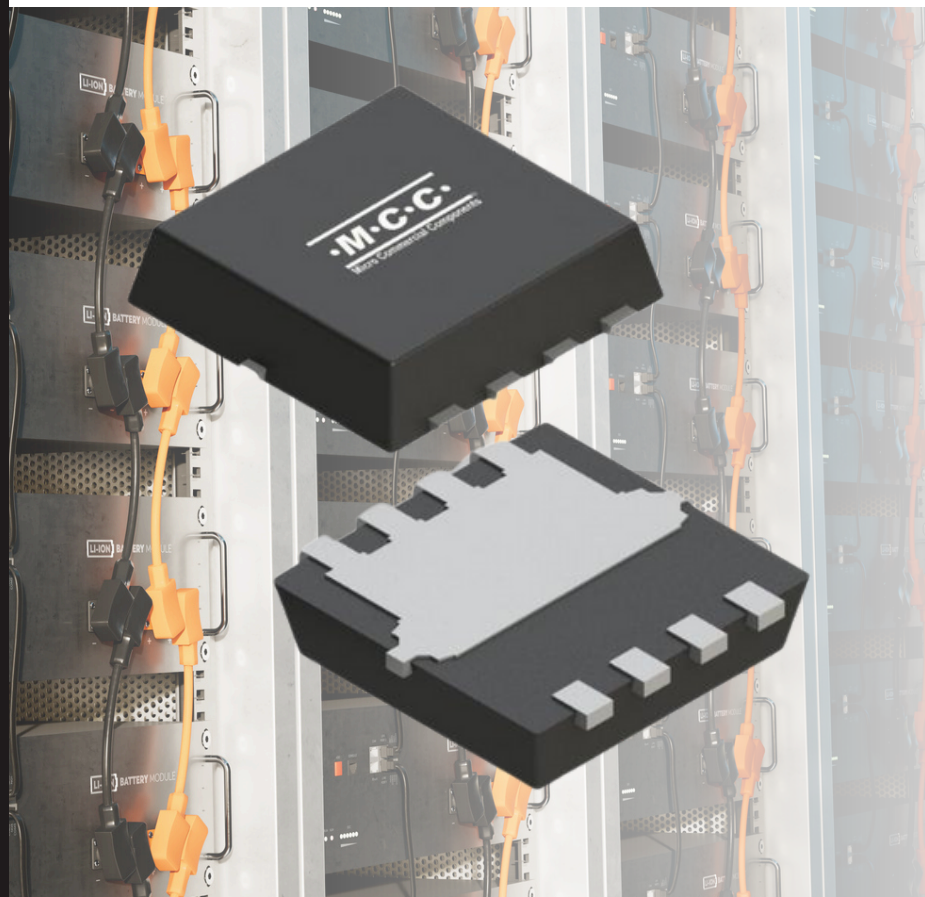
Power Management



Motor Controls



Consumer Electronics



## Low RDS(on) and PDFN3333 Package Enable Excellence in Compact Applications

# Packed with power density and excellent thermal properties



## Product Attributes, Parametrics & Datasheets

Product	Type	Package	Drain-Source Voltage VDS	Drain-Source On-Resistance RDS (ON)	Mounting Type	Datasheet
<a href="#">MCG50P03B</a>	P-Channel Power MOSFET	PDFN3333	-30V	11mΩ	Surface-Mount (SMD)	<a href="#">Info</a>

## Applications:



### Power Management

- Battery management systems (BMS)
- DC-DC converters
- Power supply units (PSUs)

### Motor Controls

- Motor drives
- Brushless DC (BLDC) motors
- Controllers
- Stepper motor drives

### Consumer Electronics

- Portable devices
- Power adapters
- Charging stations

### Industrial

- Robotics control systems
- Automation equipment
- Renewable energy systems (e.g., solar inverters)

**CONTACT MCC TO REQUEST A SAMPLE**

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