150V P-Channel MOSFET in DFN3333 Package for High-Side Power Switching

150V P-CHANNEL MOSFET

Features

- P-Channel MOSFET, single function
- Drain-source voltage (VDS): -150 V
- Gate-source voltage (VGS): ±20 V
- Low on-resistance: 360 mΩ
- Trench MOSFET technology

Benefits

Lower power loss at higher currents: Low on-resistance reduces heat and energy loss, improving efficiency under load.

Greater reliability in high-voltage conditions: Strong voltage margin helps withstand transients and thermal stress in demanding systems.

Applications

- Battery pack protection
- Load switching circuits
- Power distribution modules

Rugged P-Channel MOSFET Delivering Stable Performance in High-Voltage Power Systems

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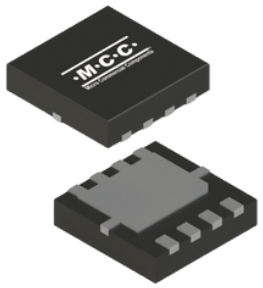
Micro Commercial Components

150V P-Channel MOSFET

High-Strength P-Channel MOSFET Designed for Demanding Industrial Power Switching



Product Attributes, Parametrics & Datasheets

Product	Type	Package	Numbers of functions	Channel	Drain-Source Voltage VDS (V)	Gate-Source Voltage VGS (V)	Drain Current ID (A)	Drain-Source On-Resistance RDS(ON) Max @ VGS=10V (Ω)	Datasheet
MCG360P15	Power MOSFET	DFN3333	Single	P	-150	±20	10	0.36	Info

Applications





Battery Management Systems

- Battery pack protection and isolation
- High-side load switching
- Cell monitoring power paths
- Pre-charge and discharge control

Fuel Cell Control Units

- Power distribution control
- Load switching circuits
- Auxiliary power management
- System protection functions

DC-DC Converters

- High-voltage DC-DC conversion
- Auxiliary power supplies
- Point-of-load regulators
- Industrial and telecom power modules

Motor Control

- Motor drive switching stages
- Power gating and protection
- Pump, fan, and actuator control
- Robotics motion control systems

High-Side Switching

- Power distribution modules
- Load and relay replacement switching
- Over-current protection circuits

CONTACT MCC TO REQUEST A SAMPLE

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