

100V P-Channel MOSFET with Trench Power LV Technology

100V P-CHANNEL MOSFET



Features

- **Trench Power LV MOSFET Technology:** Enhances performance with reduced gate drive requirements and high-efficiency operation.
- **Low On-Resistance:** Boosts overall efficiency thanks to minimal voltage drop and heat generation during operation.
- **Low Conduction Losses:** Increases energy savings and improves thermal performance in power applications.
- **Compact DFN3333 Package:** Enables smaller, more innovative electronic designs.



Benefits

On-resistance of only 85mΩ and low conduction losses ensure this MOSFET reduces energy waste and operational costs.

Trench power LV MOSFET technology minimizes heat generation, enhancing thermal management, reliability, and longevity of essential components.

Applications



Power distribution units (PDUs)



Fuel cell control units



Robotics power supply systems



Features Low RDS(on) & -14A Drain Current

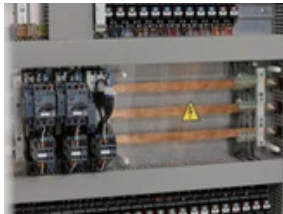
Space-Saving DFN3333 Package



Product Attributes, Parametrics & Datasheets

Product	Type	Package	Drain-Source Voltage VDS	Drain-Source On-Resistance RDS(on)	Continuous Drain Current ID	Total Power Dissipation PD	Mounting Type	Datasheet
MCG085P10	P-Channel MOSFET	DFN3333	-100V	85mΩ	-14A	34.7W	Surface-Mount (SMD)	Info

Applications:



Power Management

- Battery management systems (BMS)
- Power distribution units (PDUs)



Renewable Energy

- Fuel cell control units
- Solar inverter systems



Consumer Electronics

- Smart home devices
- Portable charging solutions



Industrial Automation

- Motor control drives
- Robotics power supply systems

CONTACT MCC TO REQUEST A SAMPLE

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