

## 30V N-CHANNEL SMALL SIGNAL MOSFET



### Features

- 30V N-Channel small signal MOSFET
- Ultra-compact DFN2020-6LE package
- Low RDS(ON):  $0.028\ \Omega$  @  $V_{GS} = 4.5V$
- 10A continuous drain current
- $\pm 12V$  gate-source rating
- Single-channel device
- Suitable for high-density PCB layouts
- Split-Gate Trench MOSFET technology



### Benefits

Improves power efficiency by reducing conduction losses in compact designs

Saves board space while supporting reliable performance in demanding applications

### Applications



Servo control systems

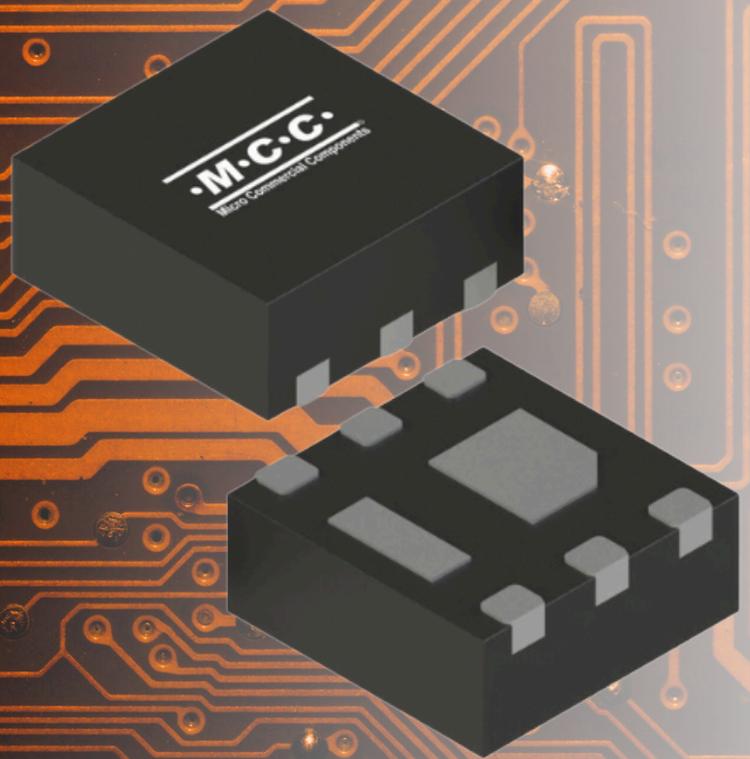


Networking equipment



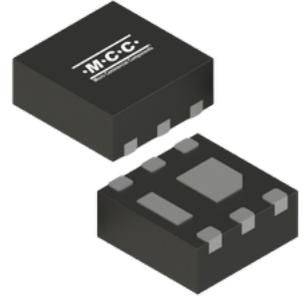
Signal level translation

# Compact 30V N-Channel MOSFET for High-Density Designs



## Low RDS(ON) Power MOSFET in DFN2020 Package

# Efficient Switching Solution for Embedded & Industrial Systems



## Product Attributes, Parametrics & Datasheets

Product	Type	Package	Numbers of functions	Channel	Drain-Source Voltage VDS (V)	Gate-Source Voltage VGS (V) xx	Drain Current ID (A)	RDS(ON) Max @VGS =4.5V (Ω)	Datasheet
<a href="#"><b>MCM028N03YU</b></a>	Small Signal MOSFET	DFN2020-6LE	Single	N	30	±12	10	0.028	<a href="#"><b>Info</b></a>

## Applications:



### Portable Consumer Electronics

- AC and DC servo drive amplifiers
- Motion and servo control systems

### Computing & Data Infrastructure

- High-density PCB designs for motherboards
- Networking equipment

### Industrial & Embedded Systems

- Signal level translation
- Control and interface circuits on compact embedded boards

**CONTACT MCC TO REQUEST A SAMPLE**

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