

40V and 100V High-Current MOSFET



Features

- 100V and 40V voltage options
- Sub 2mΩ RDS(on) for efficient power management
- High-temp capability of up to 175°C junction temperature
- More than 200A continuous drain current
- Ideal for high-power industrial applications
- Split-gate trench (SGT) MOSFET technology enhances performance
- Compact profile in TO-263-7 package
- Excellent heat dissipation and thermal properties
- High current density for reliable operation



Benefits

High-current N-channel MOSFETs in TO-263-7 package offers sub 2mΩ RDS(on), allowing for efficient power management while minimizing power losses.

Ensuring reliable performance in demanding environments.

Applications



Motor Drives



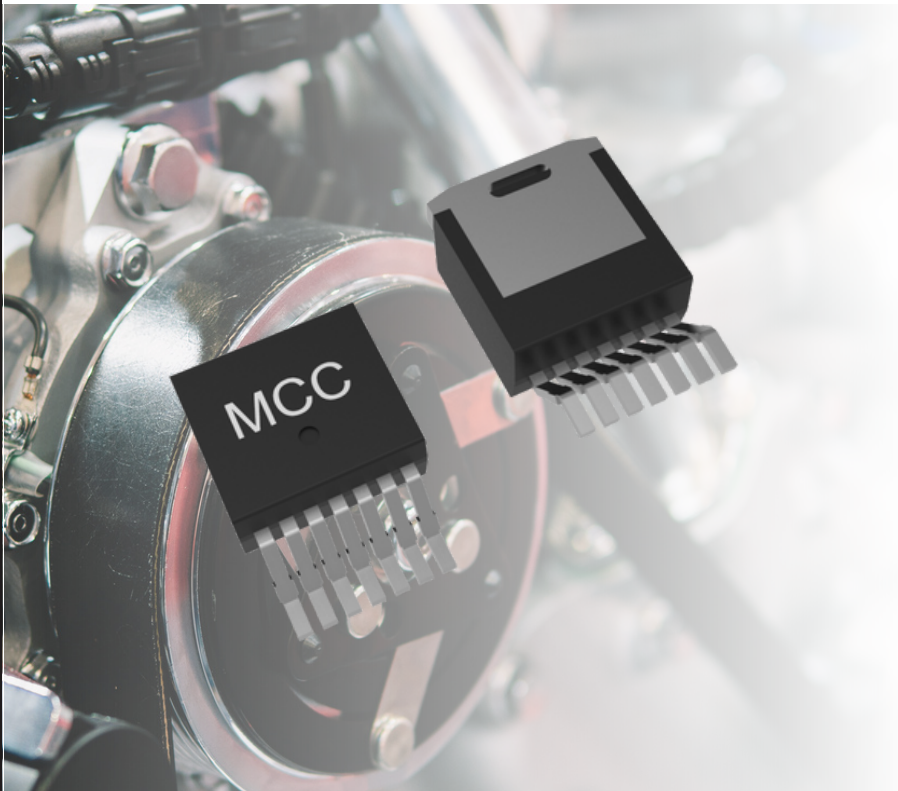
Energy
Conversion
Systems



Industrial
Automation

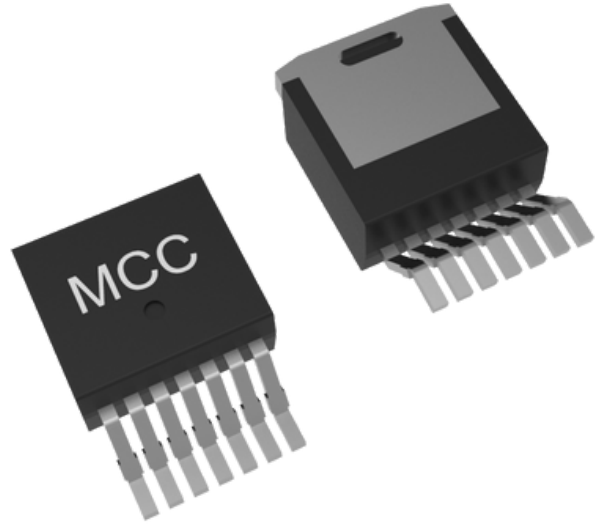
Meet MCC's High-Current MOSFETs with Industrial-Strength Performance

MCBS220N04Y
MCBS260N10Y



40V and 100V Options in TO-263-7 Package Are Ideal for Demanding Applications

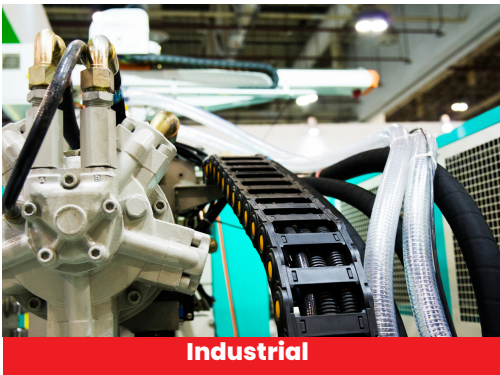
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Parametrics & Datasheets:

Product	Type	Package	Drain-Source Voltage (VDS)	Current – Continuous Drain (Id) @ 25C	Mounting Type	Datasheet
<u>MCBS220N04Y</u>	N-Channel Power MOSFET	TO-263-7	40V	220A	Surface-Mount (SMD)	<u>Info</u>
<u>MCBS260N10Y</u>	N-Channel Power MOSFET	TO-263-7	100V	260A	Surface-Mount (SMD)	<u>Info</u>

Applications:



- Industrial automation
- Energy conversion systems
- Power supplies
- Motor drives

CONTACT MCC TO REQUEST A SAMPLE

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