

Revolutionize High-Power Performance with MCC's Four TOLL Package MOSFETs

TOLL Package MOSFETs



Features

- Split-gate trench (SGT) technology
- High-density cell design
- Low RDS(on)
- Optimized efficiency
- Fast switching speed
- Temperature stability
- High gate voltage
- Reduces need to parallel
- Enhanced design opportunities
- Seamless replacement for other packages



Benefits

Superb current capability - able to withstand currents up to 300A, these components reduce the need to parallel MOSFETs in high current applications, increasing power density.

Substantial cost savings - streamline your designs with a low-profile footprint that minimizes material costs without sacrificing performance. Plus, there's no need to parallel MOSFETs, so savings are increased.

Applications



PV/Solar Inverters



Industrial Motor Drivers



DC-DC Converters

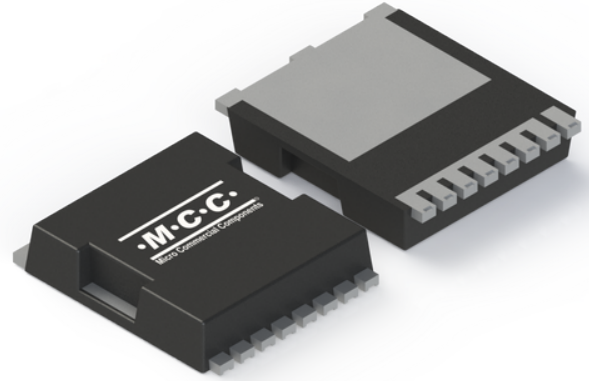
MCTL270N04Y
MCTL295N06Y

MCTL300N10YB
MCTL160N15Y



Unleash Unparalleled Efficiency for Industrial Applications with Our TO-Leadless Solutions

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Parametrics & Datasheets:

Product	Type	Package	Number of functions Channel	Drain to Source Voltage (VDS)	Gate-Source Voltage (VGS)	Datasheet
MCTL270N04Y	Power MOSFET	TOLL-8L	Single N	40V	±20V	Info
MCTL295N06Y	Power MOSFET	TOLL-8L	Single N	60V	±20V	Info
MCTL300N10YB	Power MOSFET	TOLL-8L	Single N	100V	±20V	Info
MCTLI60N15Y	Power MOSFET	TOLL-8L	Single N	150V	±25V	Info

Applications:



Industrial



Renewable Energy



Communications & Networking

- Industrial motor drives
- Load switches
- Industrial power supplies
- Uninterruptible power supplies (UPS)
- Welding equipment
- Industrial automation

- PV/solar inverters
- Battery management systems
- DC-DC converters

- Telecom devices
- Network security appliances
- Network storage systems
- Telecommunications test equipment

CONTACT MCC TO REQUEST A SAMPLE

mccsemi.com | +818.701.4933

