

MCC's AEC-Q101 Schottky Barrier Rectifiers

MBRB10200CTQ-TP
MBRB30200CTQ-TP
MBRD1045CTQ-TP

Schottky Barrier Rectifiers



Features

- Automotive grade
- DPAK and D2PAK packages
- Voltage range of 45V to 200V
- Low forward voltage
- Short recovery time
- Ideal for DC-DC converters
- AEC-Q101 qualified



Benefits

Voltage ranging from 45V to 200V and current up to 30A make these rectifiers suitable for various high-power applications.

Enhanced energy savings ensure these components are a cost-effective solution for high-power and high-speed switching applications.

Low forward voltage and short recovery time deliver higher efficiency and improved performance.

Applications



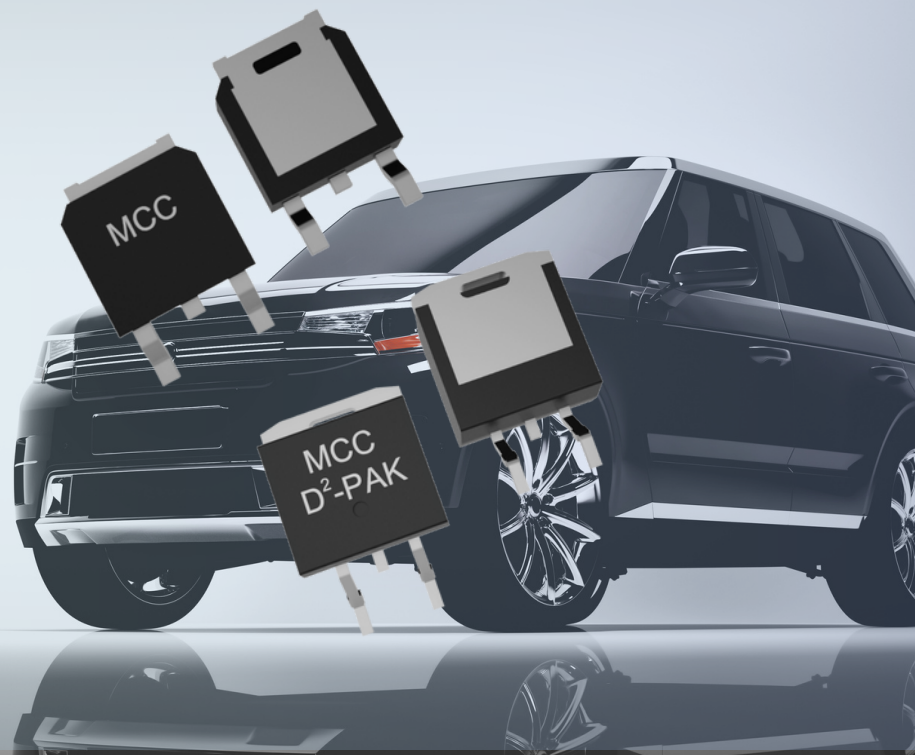
Automotive



Solar
Power
Systems

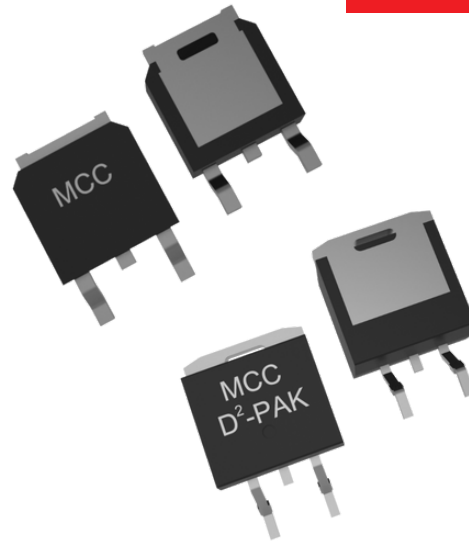


Motor
Control
Units



DRIVE EFFICIENT HIGH-POWER PERFORMANCE WITH UP TO 200V IN DPAK AND D2PAK PACKAGES

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Parametrics & Datasheets:

Product	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage	Average Rectified Forward Current IF(AV)	Instantaneous Forward Voltage MAX VF	Package Type	Datasheet
MBRB10200CTQ-TP	200V	70V	200V	10A	0.90V	D2-PAK	Info
MBRB30200CTQ-TP	200V	140V	200	30A	0.90V	D2-PAK	Info
MBRD1045CTQ-TP	45V	32V	45V	10A	0.58V	DPAK	Info

Applications:



Automotive



Industrial



Renewables

- Automotive electronics
- LED lighting systems

- DC-DC converters
- Power supplies
- Industrial automation
- Switching regulators
- Motor control circuits

- Solar power systems
- Inverters

CONTACT MCC TO REQUEST A SAMPLE

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