Micro Commercial Components

Our New Low-Profile Schottky Barrier Rectifiers Optimize Efficiency & Performance

45V TO 200V OPTIONS

Features

- Low forward voltage design minimizes power losses
- Low-profile TO-263AC package with a typical height of 1.7mm for space-saving performance
- Compatible with the popular D2PAK footprint for added versatility
- Wide working voltage range from 45V to 200V
- Forward current options of 20A and 30A per device

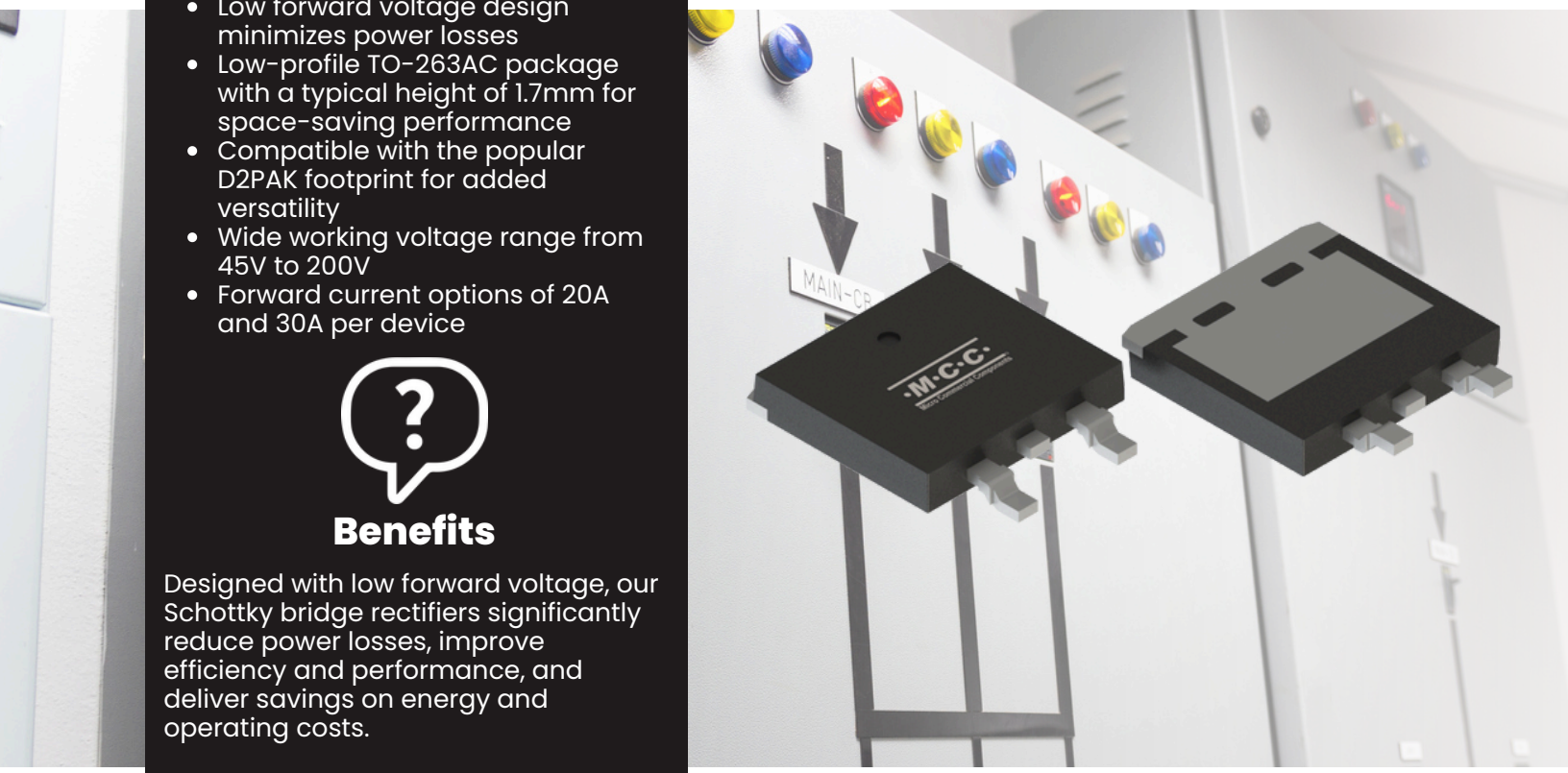
Benefits

Designed with low forward voltage, our Schottky bridge rectifiers significantly reduce power losses, improve efficiency and performance, and deliver savings on energy and operating costs.

A compact TO-263AC package with a typical height of only 1.7mm and compatibility with the D2PAK footprint enable easy integration into existing designs while maximizing available space on circuit boards.

Applications

- Radio Frequency Applications
- Motor Controls
- Power Supplies



45V to 200V Options with Low Forward Voltage in a Compact TO-263AC Package

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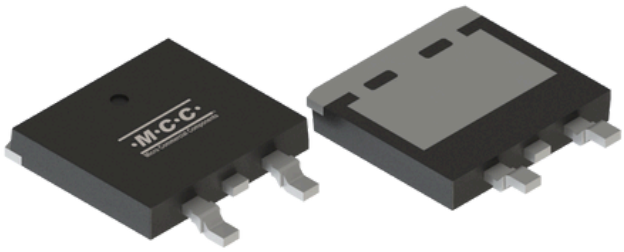

Product Attributes, Parametrics & Datasheets

Product	TYPE	Package	Working Peak Reverse Voltage (VRWM)	Average Rectified Forward Current (IFAV)	Forward Voltage (VF)	Mounting Type	Datasheet
MBRBF20200CT-TP	Schottky Barrier Rectifiers	TO-263AC	200V	20A	1.3V	Surface Mount	Info
MBRBF30200CT-TP	Schottky Barrier Rectifiers	TO-263AC	200V	30A	0.93V	Surface Mount	Info
MBRBFL20100CT-TP	Schottky Barrier Rectifiers	TO-263AC	100V	20A	0.75V	Surface Mount	Info
MBRBFL2045CT-TP	Schottky Barrier Rectifiers	TO-263AC	45V	20A	0.6V	Surface Mount	Info
MBRBFL2060CT-TP	Schottky Barrier Rectifiers	TO-263AC	60V	20A	0.65V	Surface Mount	Info
MBRBFL30100CT-TP	Schottky Barrier Rectifiers	TO-263AC	100V	30A	0.75V	Surface Mount	Info
MBRBFL3045CT-TP	Schottky Barrier Rectifiers	TO-263AC	45V	30A	0.6V	Surface Mount	Info
MBRBFL3060CT-TP	Schottky Barrier Rectifiers	TO-263AC	60V	30A	0.7V	Surface Mount	Info

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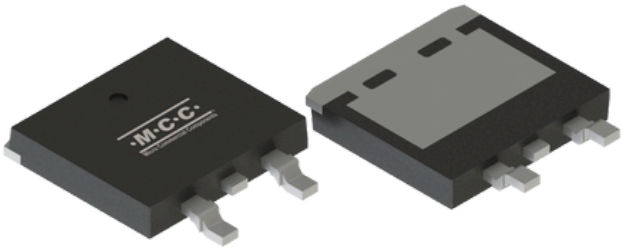

Applications:

Industrial

- Switch-mode power supplies (SMPS)
- Radio Frequency (RF) applications
- Freewheeling diodes
- Rectification
- Motor controls

Consumer

- Power supplies
- LED lighting
- Motor controls
- Appliances

Computing

- Power supplies
- DC-DC converters

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