



NEW PRODUCT

DB520 -- The Industry's First 5A, 200V Schottky Bridge Rectifier In DFS Package

High surge capability, increased energy efficiency and low V_F

Good-Ark Semiconductor introduces DB520, the industry's first 5A, 200V Schottky Bridge Rectifier in the DFS package. This device performs full-wave rectification with high surge current capability, increased energy efficiency and low V_F . Featuring a V_{RRM} of 200V and a low V_F (max) of 0.85V @ 5.0A, the DB520 is ideal for LED lighting and power management applications. Packaged in the industry standard DFS package, this device utilizes nearly 60% less board space when compared to four SMC Schottky Rectifiers in a bridge configuration.

FEATURES

- High surge current capability
- Low forward voltage drop
- Plastic package has Underwriters Laboratory Flammability Classification 94V-0

BENEFITS

- Energy efficient
- Spacing saving

APPLICATIONS

- Full wave rectification
- Reverse polarity protection
- LED lighting
- Power Over Ethernet (PoE)
- Power management

ALSO AVAILABLE IN OTHER CURRENT RATINGS:

- ✓ 1A
- ✓ 2A
- ✓ 3A

ALSO AVAILABLE IN OTHER VOLTAGE RATINGS:

- ✓ 20V
- ✓ 40V
- ✓ 60V
- ✓ 90V
- ✓ 100V
- ✓ 150V



DB520 (DFS Package)
8.51x10.30x3.30
(L x W x H max value in mm)

Free samples available for immediate testing.

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