



Line Extension

CSP Schottky Barrier Diode Power Circuits

Panasonic Introduces the New DB2G43200L, DB2F43100L, and DB2G60800L1 Schottky Barrier Diode Power Circuits!

Panasonic, a worldwide leader in Semiconductor products, introduces the ultra-small CSP Schottky Barrier Diodes DB2G43200L, DB2F43100L and DB2G60800L1 for Power Circuits. The New DB2G43200L, DB2F43100L and DB2G60800L1 have low forward voltage, fast recovery time, low junction capacitance and are capable of handling high forward current in an extremely small package for applications where PC board space is at a premium.

Features

- Ultra-Small Wafer Level Chip Scale Package (WL CSP)
- Low Forward Voltage (Vf)
- Low Leakage Current
- Fast Recovery Time (trr)
- Low Junction Capacitance (Ct)
- High Forward Current (IF)
- Wireless Structure
- Excellent Heat Dissipation
- RoHS Compliant

Benefits

- Minimal Space Requirement
- Low Power Loss
- Easy Thermal Management
- Industry-Leading VF-IR Characteristics
- High Power Capability
- Higher Reliability Than Conventional Packaged Devices

Industries

- Cordless And Mobile Devices
- Energy Harvesting
- Photovoltaic Systems
- Power Supplies
- HVAC Control
- Industrial Controls

Applications

- Voltage Clamp
- Power Rectifier
- Power OR Circuits
- Reverse Current And Discharge Protection
- Switched-Mode Power Supplies
- Sample And Hold Circuits