



Line Extension

SC Series microSD Flash Memory Cards

Industrial SLC (Single Level Cell) NAND For Ultra High Speed System Performance Now Available in 1GB



Panasonic, a worldwide leader in Flash Memory Products, is pleased to introduce the NEW 1GB SC Series Industrial microSD Flash Memory Card. The 1GB SC Series Card adopts the most robust industrial SLC (Single Level Cell) NAND flash memory which is suitable for heavy industrial applications where frequent write operations are required. An extended operational temperature range of -40°C to $+85^{\circ}\text{C}$ enables usage under severe conditions and the integrated Panasonic Controller ensures long lifetime usage and high system performance. Quality is maintained with 100% product screening before shipment to achieve low failure rate. SC Series storage capacity options now include 1GB, 2GB, 4GB and 8GB models.

Features

- Industrial SLC (Single Level Cell) NAND Flash Memory
- Panasonic Controller (Wear Leveling, Automatic Refresh, Power Fail Robust Design)
- Ultra High Speed System Performance
- 60k Write Cycles
- UHS-I Bus I/F (8GB: Read 95MB/s, Write 80MB/s)
- 100% Product Screening Test
- Available in 1GB, 2GB, 4GB and 8GB Capacity Models
- RoHS/REACH Compliant

Benefits

- Optimum Endurance For Intensive Write Operation
- Extended Temperature Range of -40°C to $+85^{\circ}\text{C}$ for Use in Severe Environments
- Maximized Data Retention and Life Time By Providing Intensive Write, Read Disturbance and Data Corruption
- Low Failure Rate In Industrial Applications

Applications

- Display Panels
- Food-grade Freezers
- Clinical Diagnostics Equipment
- Energy Management/Utility Software

Industries

- HVAC
- Food Service
- Medical
- Building Automation

