Panasonic

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New Product Introduction

NEW SC Series microSD Flash Memory Cards

Industrial SLC (Single Level Cell) NAND For Ultra High Speed System Performance



Panasonic, a worldwide leader in Flash Memory Products, is pleased to introduce the NEW SC Series Industrial microSD Flash Memory Cards. The NEW SC Series 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°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. Storage capacity options include 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
- UHS-I Bus I/F (8GB: Read 95MB/s, Write 80MB/s)
- 100% Product Screening Test
- Available in 2GB, 4GB and 8GB Capacity Models
- RoHS/REACH Compliant

Benefits

- Optimum Endurance For Intensive Write Operation
- Extended Temperature Range of -40°C to +85°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

- Digital Signage
- Security Control and Lighting Systems
- Smart Meter (Energy/Gas)
- Handheld Terminals

Industries

- Measurement
- Controls
- Signage Content Storage

Part Number Information

RP	–	SM	S	C	02	D	A	1
SD I/F		Type	Series	Grade	Capacity	Disty	USA	NAND Process
		SM= microSD Card	S=SC	C= Industrial high	02=2GB 04=4GB 08=8GB	D= MOQ:50	A=USA	1=Micron M25nm

CONSUMER — CONSUMER PLUS — INDUSTRIAL

For detailed specification information on the SC Series Industrial microSD Flash Memory Cards, visit our website at:
na.industrial.panasonic.com/products/semiconductors/sd-cards

REACH COMPLIANT RoHS COMPLIANT

Relays & Connectors · Capacitors · Circuit Protection · Electromechanical · Sensors · Industrial Automation · Resistors & Inductors · Semiconductors · Wireless Connectivity

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