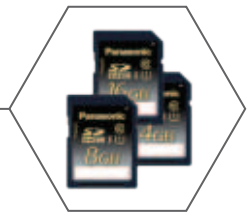
Panasonic

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New Product Introduction

NEW QE Series microSD Flash Memory Cards – SLC-Lite



Consumer Plus MLC (Multi Level Cell) NAND Models For Automotive and Other Systems Applications

Panasonic, a worldwide leader in Flash Memory Products, is pleased to introduce the NEW QE Series Consumer Plus microSD Flash Memory Cards. The QE Series adopts MLC (Multi Level Cell) NAND flash memory with "SLC (Single Level Cell) Lite" access mode that provides higher endurance, data retention and power fail robustness than standard MLC products. An extended operating temperature range of -25°C to +85°C is suitable for various applications. The integrated enhanced controller ensures long lifetime use and high system performance. Quality is maintained with 100% product screening before shipment to achieve low failure rate. Storage capacity options include 4GB, 8GB and 16GB models.

Features

- MLC (Multi Level Cell) NAND Flash Memory with SLC-Lite Access Mode
- Enhanced Controller
- UHS-IBus I/F Ultra High Speed System Performance
- 100% Product Screening Test
- Available in 4GB, 8GB and 16GB Capacities
- RoHS/REACH Compliant

Benefits

- Higher Endurance and Data Retention Than Standard MLC NAND
- Extended Temperature Range of -25°C to +85°C
- Avoids Intensive Write With Wear Leveling Function
- Low Failure Rate In Industrial Applications

Applications

- Navigation and Audio Systems
- Battery Management Systems
- Smart Meters (Energy, Gas)
- Handheld Terminals
- Server, PBX and POS Systems

Part Number Information

RP	–	SD	Q	E	04	D	A	1
SD I/F		Type	Series	Grade	Capacity	Disty	USA	NAND Process
		SD= SD Card	Q=QE	E= Consumer Plus	04=4GB 08=8GB 016=16GB	D= MOQ:100	A=USA	1=Toshiba 19nm

Industries

- Automotive
- Measurement
- Communications and IT

CONSUMER — CONSUMER PLUS — INDUSTRIAL

For detailed specification information on the NEW QE Series Consumer Plus 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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