



New Product Introduction

NEW PE Series microSD Flash Memory Cards – SLC-Lite

Consumer Plus MLC (Multi Level Cell) NAND Models For High Endurance and Data Retention



Panasonic, a worldwide leader in Flash Memory Products, is pleased to introduce the NEW PE Series Consumer Plus microSD Flash Memory Cards. The PE 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
- 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, Read Disturbance and Data Corruption
- Low Failure Rate In Industrial Applications

Applications

- HVAC and Security Control Systems
- Smart Meters (Energy/Gas), Handheld Terminals

Industries

- Measurement
- Controls

Part Number Information

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



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

