Panasonic

New Product Introduction

New **MN101L Series**

8-Bit MCU with Built-In ReRAM

High Speed Write/Re-Write with Low Power Consumption!

Panasonic, a worldwide leader in Semiconductor Products, is pleased to introduce the **NEW MN101L Series MCU**. Utilizing built-in ReRAM, this series of MCUs feature high-speed write/re-write times with up to 100k write cycles. With low power RTC and stop modes, the **MN101L Series** has a power consumption that is 50% lower than flash-based MCUs. By reducing the need for EEPROM components, this series helps to lower system costs while extending the runtime of battery based applications.

Features

- 50% Lower Power Consumption than Flash Based MCU
- Low Power RTC and Stop Mode
- High Speed Write and Re-Write Times
- 100k Write Cycles (ReRAM)
- RoHS Compliant

Benefits

- Enhanced Battery Lifetime
- Lower System Cost
- Reduction of EEPROM Components
- 5 Times Faster than Flash or EEPROM

Industries

- Medical
- Security
- Industrial

Applications

- Blood Pressure Monitor, Activity Monitors
- Fire Alarms
- Temp/Humidity Sensors, Motion Sensors

Part Number Information

64 TQFP

M	N	1	0	1	L	R	0	4	D	X	W

80 TQFP

M	N	1	0	1	L	R	0	5	D	X	W

Additional Information

For detailed specification information on the **MN101L Series**, visit our website at:

http://us.panasonic.com/industrial/electronic-components/semiconductors/

Website: http://us.panasonic.com/industrial
industrial@us.panasonic.com
1-800-344-2112

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