

**MB90438LSPMC-G-508E1**

**Cypress Semiconductor**

IC MCU 16BIT 128KB MROM 100LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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Manufacturer lead time 10 weeks

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**Specifications**

<b>Voltage - Supply (Vcc/Vdd):</b>	3.5 V ~ 5.5 V
<b>Supplier Device Package:</b>	100-LQFP (14x14)
<b>Speed:</b>	16MHz
<b>Series:</b>	F <sup>2</sup> MC-16LX MB90435
<b>RAM Size:</b>	4K x 8
<b>Program Memory Type:</b>	Mask ROM
<b>Program Memory Size:</b>	128KB (128K x 8)
<b>Peripherals:</b>	POR, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	100-LQFP
<b>Oscillator Type:</b>	External
<b>Operating Temperature:</b>	-40°C ~ 105°C (TA)
<b>Number of I/O:</b>	81
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 8x8/10b
<b>Core Size:</b>	16-Bit
<b>Core Processor:</b>	F <sup>2</sup> MC-16LX
<b>Connectivity:</b>	EBI/EMI, SCI, Serial I/O, UART/USART

**Related products**

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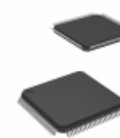
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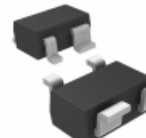
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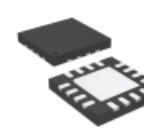
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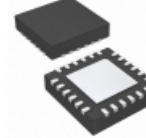
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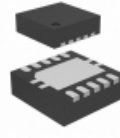
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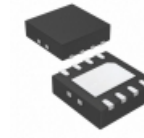
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