



Cypress Semiconductor

### MB90387SPMT-GS-236E1

Part Number:	MB90387SPMT-GS-236E1
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 16BIT 64KB MROM 48LQFP
Datasheets:	MB90387SPMT-GS-236E1.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	26021 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of MB90387SPMT-GS-236E1

PART NUMBER	MB90387SPMT-GS-236E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 64KB MROM 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	26021 pcs
DATA SHEET	MB90387SPMT-GS-236E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3.5 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	16MHz
SERIES	F <sup>2</sup> MC-16LX MB90385
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	Mask ROM
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	POR, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	36
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	F <sup>2</sup> MC-16LX F <sup>2</sup> MC-16LX MB90385 Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) Mask ROM 48-LQFP (7x7)
DATA CONVERTERS	A/D 8x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	F <sup>2</sup> MC-16LX
CONNECTIVITY	CANbus, SCI, UART/USART

#### Related Tags

Cypress Semiconductor MB90387SPMT-GS-236E1	MB90387SPMT-GS-236E1 Distributor	MB90387SPMT-GS-236E1 Supplier
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#### Related Products

<p><b>MB90387SPMT-GS-219E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 29153 pcs  <a href="#">RFQ</a></p>	<p><b>MB90387SPMT-GS-240E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 3452 pcs  <a href="#">RFQ</a></p>
<p><b>MB90387SPMT-GS-244E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 3523 pcs  <a href="#">RFQ</a></p>	<p><b>MB90387SPMT-GS-245E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 18311 pcs  <a href="#">RFQ</a></p>
<p><b>MB90387SPMT-GS-235E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 6665 pcs  <a href="#">RFQ</a></p>	<p><b>MB90387SPMT-GS-234E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 4885 pcs  <a href="#">RFQ</a></p>
<p><b>MB90387SPMT-GS-239E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 25496 pcs  <a href="#">RFQ</a></p>	<p><b>MB90387SPMT-GS-233E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 2825 pcs  <a href="#">RFQ</a></p>
<p><b>MB90387SPMT-GS-225E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 6715 pcs  <a href="#">RFQ</a></p>	<p><b>MB90387SPMT-GS-226E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 7088 pcs  <a href="#">RFQ</a></p>
<p><b>MB90387SPMT-GS-237E1</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 34330 pcs  <a href="#">RFQ</a></p>	<p><b>MB90387SPMT-GS-245</b>                  Manufacturers: Cypress Semiconductor                  Description: IC MCU 16BIT 64KB MROM 48LQFP                  In stock: 8027 pcs  <a href="#">RFQ</a></p>

