



Cypress Semiconductor

### MB96F615RBPMC-GE1

Part Number:	MB96F615RBPMC-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 16BIT 160KB FLASH 48LQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	42427 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of MB96F615RBPMC-GE1

PART NUMBER	MB96F615RBPMC-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 160KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	42427 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	32MHz
SERIES	F <sup>2</sup> MC-16FX MB96610
RAM SIZE	10K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	160KB (160K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	37
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-16FX F <sup>2</sup> MC-16FX MB96610 Microcontroller IC 16-Bit 32MHz 160KB (160K x 8) FLASH 48-LQFP (7x7)
DATA CONVERTERS	A/D 16x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	F <sup>2</sup> MC-16FX
CONNECTIVITY	CANbus, LINbus, SCI, UART/USART

#### Related Tags

Cypress Semiconductor MB96F615RBPMC-GE1	MB96F615RBPMC-GE1 Distributor	MB96F615RBPMC-GE1 Supplier
MB96F615RBPMC-GE1 Price	MB96F615RBPMC-GE1 Pictures	MB96F615RBPMC-GE1 Image
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#### Related Products

<p><b>MB96F615RBPMC-GS-ERE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 23162 pcs <a href="#">RFQ</a></p>	<p><b>MB96F615ABPMC-GSE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 3955 pcs <a href="#">RFQ</a></p>
<p><b>MB96F615RBPMC-GSE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 17083 pcs <a href="#">RFQ</a></p>	<p><b>MB96F615ABPMC-GSE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 19319 pcs <a href="#">RFQ</a></p>
<p><b>MB96F615RBPMC-GS-UJERE2</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 7065 pcs <a href="#">RFQ</a></p>	<p><b>MB96F615RAPMC-GSE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 17605 pcs <a href="#">RFQ</a></p>
<p><b>MB96F615RBPMC-GSAE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 4802 pcs <a href="#">RFQ</a></p>	<p><b>MB96F615RBPMC-GSE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 18104 pcs <a href="#">RFQ</a></p>
<p><b>MB96F615RAPMC-GSE2</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 18394 pcs <a href="#">RFQ</a></p>	<p><b>MB96F615ABPMC-GSAE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 18719 pcs <a href="#">RFQ</a></p>
<p><b>MB96F615RBPMC-GS-F4E1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 19395 pcs <a href="#">RFQ</a></p>	<p><b>MB96F615ABPMC-GTE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 160KB FLASH 48LQFP In stock: 14943 pcs <a href="#">RFQ</a></p>

