



Cypress Semiconductor

### MB90F598PFR-G

Part Number:	MB90F598PFR-G
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 16BIT 128KB FLASH 100QFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	4934 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 MB90F598PFR-G

PART NUMBER	MB90F598PFR-G
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 128KB FLASH 100QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4934 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-PQFP (20x14)
SPEED	16MHz
SERIES	F <sup>2</sup> MC-16LX MB90595
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-BQFP
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	78
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 MB90595 Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) FLASH 100-PQFP (20x14)
DATA CONVERTERS	A/D 8x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	F <sup>2</sup> MC-16LX
CONNECTIVITY	CANbus, EBI/EMI, SCI, Serial I/O, UART/USART

#### Related Tags

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#### Related Products

<p><b>MB90F809SPF-G-JNE1</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 6156 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB90F598PF-G-BI</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 4523 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB90F823BPF-G-SPE1</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 5688 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB90F598PF-G-9004</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 3772 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB90F598PF-GE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 3090 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB90F598PF-G-9003</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 4171 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB90F831PF-G-SPE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU MICOM FLASH 100QFP In stock: 3751 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB90F804-201PFR-GE1</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 2804 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB90F598PF-G-9003E1</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 5257 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB90F598PF-G-9002</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 4846 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>MB90F654APFV-G-BI8E1</b> Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 6757 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>MB90F598PFR-GE1</b> Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 128KB FLASH 100QFP In stock: 3872 pcs</p> <p><a href="#">RFQ</a></p>

