

MB90F594APFR-GE1



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Part Number: MB90F594APFR-GE1

Manufacturer: Cypress Semiconductor

Description: IC MCU 16BIT

Data sheet:

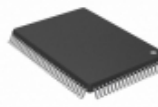
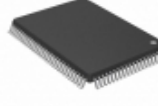
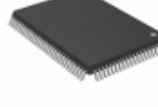
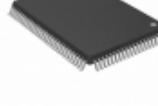
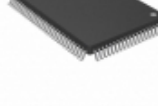
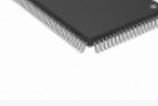
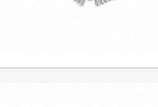
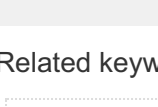
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	MB90F594APFR-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3810 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	100-PQFP (20x14)	Speed	16MHz
Series	F ² MC-16LX MB90590	RAM Size	6K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	100-BQFP	Other Names	428-4329 CY90F594APFR-GE1
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	78	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	25 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F ² MC-16LX F ² MC-16LX MB90590 Microcontroller IC 16-Bit 16MHz 256KB (256K x 8) FLASH 100-PQFP (20x14)
Data Converters	A/D 8x8/10b	Core Size	16-Bit
Core Processor	F ² MC-16LX	Connectivity	CANbus, EBI/EMI, SCI, Serial I/O, UART/USART
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