

Specifications	
Part Number	MB90F591GHZPQC-GSE2
Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 384KB FLASH 100QFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2651 pcs Stock
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.25 V
Supplier Device Package	100-PQFP (20x14)
Speed	16MHz
Series	F²MC-16LX MB90590G
RAM Size	8K x 8
Program Memory Type	FLASH
Program Memory Size	384KB (384K 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	F²MC-16LX F²MC-16LX MB90590G Microcontroller IC 16-
Data Converters	A/D 8x8/10b
Core Size	16-Bit
Core Processor	F²MC-16LX
Connectivity	CANbus, EBI/EMI, SCI, Serial I/O, UART/USART

In: MB90F591GPF-G Cypress Semiconductor Corp IC MCU 16BIT 384KB FLASH 100QFP	MB90F594APF-G Cypress Semiconductor Corp IC MCU 16BIT 256KB FLASH 100QFP	MB90F591APFR-GE1 Cypress Semiconductor IC MCU 16BIT 384KB FLASH 100QFP	MB90F591GHZPFR-GSE1 Cypress Semiconductor IC MCU 16BIT 384KB FLASH 100QFP
MB90F591GHPFR-GE1 Cypress Semiconductor IC MCU 16BIT 384KB FLASH 100QFP	MB90F591GHZPFR-GS Cypress Semiconductor Corp IC MCU 16BIT 384KB FLASH 100QFP	MB90F594A JAPAN JAPAN QFP	MB90F591GPF-GE1 Cypress Semiconductor IC MCU 16BIT 384KB FLASH 100QFP

More

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