

Specifications	
Part Number	MB90F342CESPQC-GE2
Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 256KB FLASH 100QFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2632 pcs Stock
Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Supplier Device Package	100-PQFP (20x14)
Speed	24MHz
Series	F²MC-16LX MB90340E
RAM Size	16K x 8
Program Memory Type	FLASH
Program Memory Size	256KB (256K x 8)
Peripherals	DMA, POR, WDT
Packaging	Tray
Package / Case	100-BQFP
Oscillator Type	External
Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	82
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-
Detailed Description	F²MC-16LX F²MC-16LX MB90340E Microcontroller IC 16-
Data Converters	A/D 24x8/10b
Core Size	16-Bit
Core Processor	F²MC-16LX
Connectivity	CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART

In: MB90F342CEPMC-GE1 Cypress Semiconductor IC MCU 16BIT 256KB FLASH 100LQFP	MB90F342CESPFR-GSE1 Fujitsu Fujitsu QFP	MB90F342CESPQC-GSE2 Cypress Semiconductor Corp IC MCU 16BIT 256KB FLASH 100QFP	MB90F342CESPQC-GSE2 Fujitsu Electronics America, Inc. IC MCU 16BIT 256KB FLASH 100QFP
MB90F342ESPF-GE1 Cypress Semiconductor IC MCU 16BIT 256KB FLASH 100QFP	MB90F342CESPMC-GE1 Cypress Semiconductor IC MCU 16BIT 256KB FLASH 100LQFP	MB90F342CASPMC-GS-N2E1 Cypress Semiconductor IC MCU 16BIT 256KB FLASH 100LQFP	MB90F342CE FUJITSU MB90F342CE FUJITSU

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