

MB90F345ESPMC-GE1



Part Number: MB90F345ESPMC-GE1

Manufacturer: Cypress Semiconductor

Description: IC MCU 16BIT 512KB FLASH 100LQFP

Data sheet:  [MB90340E Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

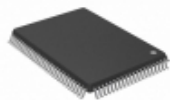
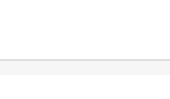
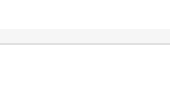
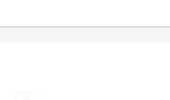
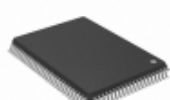
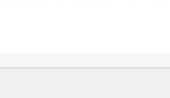
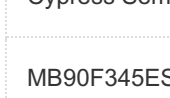
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PRODUCT PARAMETER			
Part Number	MB90F345ESPMC-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4107 pcs	Data sheet	MB90340E Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	24MHz
Series	F ² MC-16LX MB90340E	RAM Size	20K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	DMA, POR, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	CY90F345ESPMC-GE1
Oscillator Type	External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	82	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F ² MC-16LX F ² MC-16LX MB90340E Microcontroller IC 16-Bit 24MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 16x8/10b	Core Size	16-Bit
Core Processor	F ² MC-16LX	Connectivity	CANbus, EBI/EMI, LINbus, SCI, UART/USART

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	Part#: MB90F346ASPMC-GS Description: IC MCU 16BIT 64KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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