

MB90F342CASPMC-GS-N2E1



Part Number: [MB90F342CASPMC-GS-N2E1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 256KB FLASH 100LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

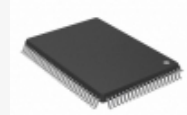
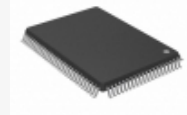
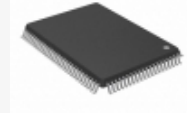
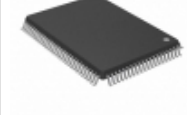
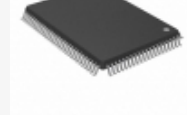
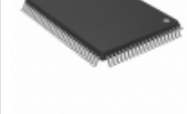
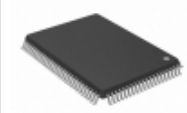
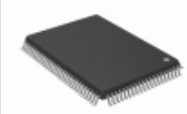
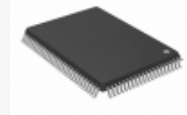
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PRODUCT PARAMETER			
Part Number	MB90F342CASPMC-GS-N2E1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4146 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	24MHz
Series	F*MC-16LX MB90340	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-LQFP	Other Names	CY90F342CASPMC-GSE1
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	23 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F*MC-16LX F*MC-16LX MB90340 Microcontroller IC 16-Bit 24MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 24x8/10b	Core Size	16-Bit
Core Processor	F*MC-16LX	Connectivity	CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART
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