

MB90F342CASPFR-GS-N2E1



Part Number: MB90F342CASPFR-GS-N2E1

Manufacturer: Cypress Semiconductor

Description: IC MCU 16BIT 256KB FLASH 100QFP

Data sheet:  [MB90340E Series](#)

RoHs Status: Lead free / RoHS Compliant

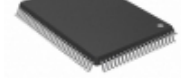
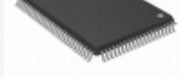
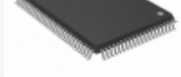
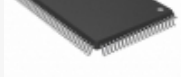
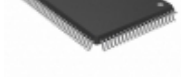
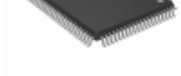
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PRODUCT PARAMETER			
Part Number	MB90F342CASPFR-GS-N2E1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 256KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6486 pcs	Data sheet	MB90340E Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	100-PQFP (20x14)	Speed	24MHz
Series	F ² 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-BQFP	Other Names	428-4360 CY90F342CASPFR-GSE1 MB90F342CASPFR-GS-N2E1-ND
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	22 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F ² MC-16LX F ² MC-16LX MB90340 Microcontroller IC 16-Bit 24MHz 256KB (256K x 8) FLASH 100-PQFP (20x14)
Data Converters	A/D 24x8/10b	Core Size	16-Bit
Core Processor	F ² MC-16LX	Connectivity	CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART
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