

MB90F428GCPMC-GSE1



Part Number: [MB90F428GCPMC-GSE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 128KB FLASH 100LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

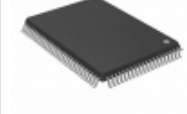
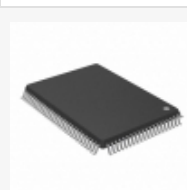
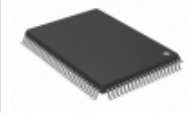
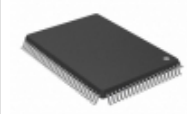
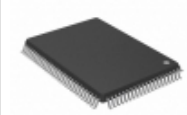
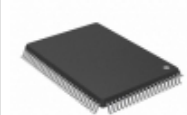
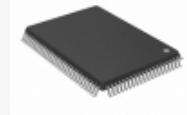
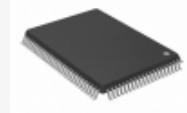
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PRODUCT PARAMETER			
Part Number	MB90F428GCPMC-GSE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 128KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4607 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	16MHz
Series	F ² MC-16LX MB90425G (A)	RAM Size	6K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Other Names	CY90F428GCPMC-GSE1
Oscillator Type	External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	58	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	21 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F ² MC-16LX F ² MC-16LX MB90425G (A) Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) FLASH 100-LQFP (14x14)
Data Converters	A/D 8x8/10b	Core Size	16-Bit
Core Processor	F ² MC-16LX	Connectivity	CANbus, UART/USART
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