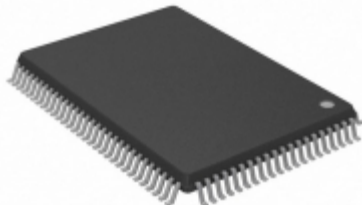


MB90F947APF-GS



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MB90F947APF-GS](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 128KB FLASH 100QFP

Data sheet:

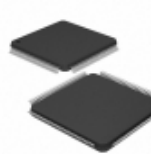
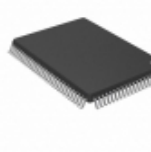
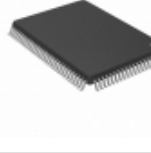
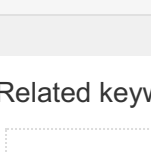
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MB90F947APF-GS	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 128KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3886 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Supplier Device Package	100-PQFP (20x14)	Speed	24MHz
Series	F ² MC-16LX MB90945	RAM Size	6K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	100-BQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 85°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	F ² MC-16LX F ² MC-16LX MB90945 Microcontroller IC 16-Bit 24MHz 128KB (128K x 8) FLASH 100-PQFP (20x14)
Data Converters	A/D 15x8/10b	Core Size	16-Bit
Core Processor	F ² MC-16LX	Connectivity	CANbus, I ² C, LINbus, SCI, Serial I/O, UART/USART
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	Description: IC MCU 16BIT 128KB FLASH 120LQFP		
	Part#: MB90F947APFR-C0003ER	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 128KB FLASH 100QFP		
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	Description: IC MCU 16BIT 128KB FLASH 100QFP		
	Part#: MB90F947APQCR-C0048ER	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB90F947APQCR-GS-SPE2	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 128KB FLASH 100QFP		
	Part#: MB90F947APFR-C0002ER	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 128KB FLASH 100QFP		
	Part#: MB90F946APFR-GS-SP	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 384KB FLASH 100QFP		
	Part#: MB90F946APFR-GS-SPERE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 384KB FLASH 100QFP		
	Part#: MB90F927SPF-G-JNE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 64KB FLASH 100QFP		
	Part#: MB90F931PMC-GSE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 128KB FLASH 120LQFP		
	Part#: MB90F927SPF-G-N2E1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 64KB FLASH 100QFP		
	Part#: MB90F927SPF-GSE1	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 64KB FLASH 100QFP		
	Part#: MB90F947APFR-GS-SP	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 128KB FLASH 100QFP		
	Part#: MB90F947APQCR-C0054ER	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 128KB FLASH 100QFP		
	Part#: MB90F947APFR-GS-ER	Manufacturers: Cypress Semiconductor	RFQ
	Description: IC MCU 16BIT 128KB FLASH 100QFP		

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