

MB90F949PFR-GS



**Part Number:** [MB90F949PFR-GS](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 256KB FLASH 100QFP

Data sheet: [Data sheet](#)

RoHs Status: Lead free / RoHS Compliant

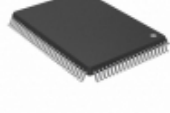
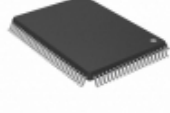
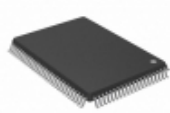
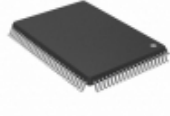
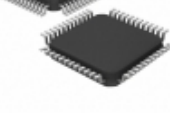
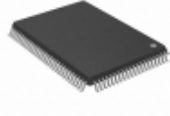
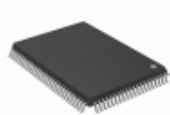
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PRODUCT PARAMETER			
Part Number	MB90F949PFR-GS	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 256KB FLASH 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4036 pcs	Data sheet	Data sheet
Category	Integrated 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	12K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K 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 256KB (256K 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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	Part#: MB90F952MDSPMC-GE1 Description: IC MCU 16BIT 256KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB90F947PFR-GS Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F962SPMCR-GS-ERE1 Description: IC MCU 16BIT 64KB FLASH 48LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F949APFR-GS-ER Description: IC MCU 16BIT 256KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB90F947PQC-GSE2 Description: IC MCU 16BIT 128KB FLASH 100QFP	Manufacturers: Cypress Semiconductor	RFQ
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