

MB96F356YSBPMC-GE1



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Part Number: [MB96F356YSBPMC-GE1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 288KB FLASH 64LQFP

Data sheet:

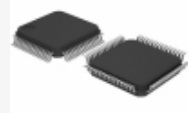
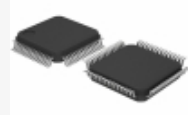
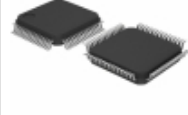
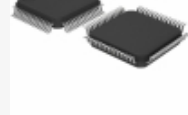
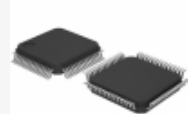
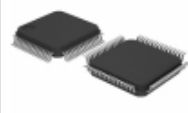
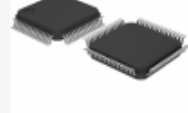
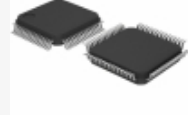
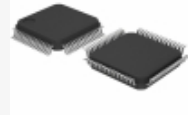
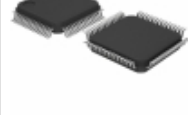
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MB96F356YSBPMC-GE1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 288KB FLASH 64LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4560 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	64-LQFP (12x12)	Speed	56MHz
Series	F ² MC-16FX MB96350	RAM Size	12K x 8
Program Memory Type	FLASH	Program Memory Size	288KB (288K x 8)
Peripherals	DMA, LVD, LVR, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	51
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	F ² MC-16FX F ² MC-16FX MB96350 Microcontroller IC 16-Bit 56MHz 288KB (288K x 8) FLASH 64-LQFP (12x12)
Data Converters	A/D 15x10b	Core Size	16-Bit
Core Processor	F ² MC-16FX	Connectivity	CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART
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	Part#: MB96F378HSBPMC-GS-JAK5E2 Description: IC MCU 16BIT 576KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F356YWBPMC-GE2 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F356YWBPMC1-GE2 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F378HSBPMC-GK5E2 Description: IC MCU 16BIT 576KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F378HSBPMC-GSK5E2 Description: IC MCU 16BIT 576KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F356RSBPMC1-GS-F4E1 Description: IC MCU 16BIT 288KB FLASH 64LQFP	Manufacturers: Cypress Semiconductor	RFQ

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