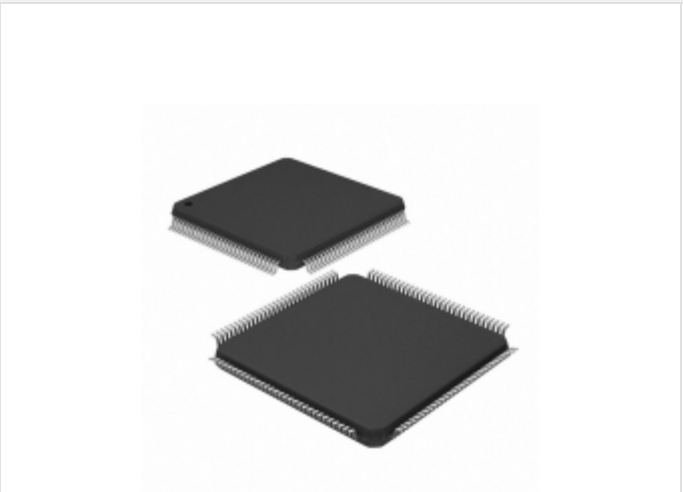


MB96F386RSCPMC-GS-176E2





Part Number: [MB96F386RSCPMC-GS-176E2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 288KB FLASH 120LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

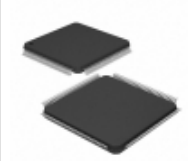
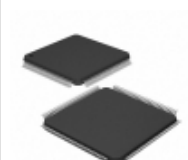
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MB96F386RSCPMC-GS-176E2	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 288KB FLASH 120LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6092 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	120-LQFP (16x16)	Speed	56MHz
Series	F ² MC-16FX MB96380	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	288KB (288K x 8)
Peripherals	DMA, LCD, LVD, LVR, POR, PWM, WDT	Packaging	Tray
Package / Case	120-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	96
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	28 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	F ² MC-16FX F ² MC-16FX MB96380 Microcontroller IC 16-Bit 56MHz 288KB (288K x 8) FLASH 120-LQFP (16x16)	Data Converters	A/D 16x10b
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#: MB96F386RSCPMC-GS-201E2 Description: IC MICROCONTROLLER	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F386RSCPMC-GS-207E2 Description: IC MICROCONTROLLER	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F386RSCPMC-GS-168E2 Description: IC MCU 16BIT 288KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F386RSCPMC-GS-177E2 Description: IC MCU 16BIT 288KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F386RSCPMC-GS-171E2 Description: IC MCU 16BIT 288KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F386RSCPMC-GS-164E2 Description: IC MCU 16BIT 288KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F386RSCPMC-GS-166E2 Description: IC MCU 16BIT 288KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F386RSCPMC-GS-175E2 Description: IC MCU 16BIT 288KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F386RSCPMC-GS-159E2 Description: IC MCU 16BIT 288KB FLASH 120LQFP	Manufacturers: Cypress Semiconductor	RFQ

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