

MB96F345DSBPMC-GS-F4E1



Part Number: [MB96F345DSBPMC-GS-F4E1](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 160KB FLASH 100LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

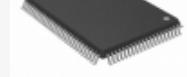
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PRODUCT PARAMETER			
Part Number	MB96F345DSBPMC-GS-F4E1	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 160KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8791 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	100-LQFP (14x14)	Speed	56MHz
Series	F ² MC-16FX MB96340	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	160KB (160K x 8)
Peripherals	DMA, LVD, LVR, POR, PWM, WDT	Packaging	Tray
Package / Case	100-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	82
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	28 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	64K x 8
Detailed Description	F ² MC-16FX F ² MC-16FX MB96340 Microcontroller IC 16-Bit 56MHz 160KB (160K x 8) FLASH 100-LQFP (14x14)	Data Converters	A/D 24x10b
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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