

MB96F338YWAPMC-GK5E2



Part Number: [MB96F338YWAPMC-GK5E2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 544KB FLASH 144LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

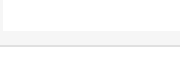
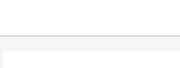
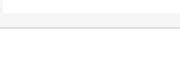
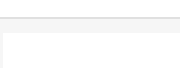
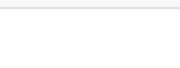
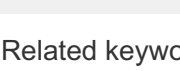
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PRODUCT PARAMETER		
Part Number	MB96F338YWAPMC-GK5E2	Manufacturer Cypress Semiconductor
Description	IC MCU 16BIT 544KB FLASH 144LQFP	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	3594 pcs	Data sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed48MHz
Series	F ² MC-16FX F ² MC-16FX MB96330	RAM Size32K x 8
Program Memory Type	FLASH	Program Memory Size544KB (544K x 8)
Peripherals	DMA, LVD, LVR, POR, PWM, WDT	PackagingTray
Package / Case	144-LQFP	Other NamesMB96F338YWAPMC-GE2 MB96F338YWAPMC-GE2-ND
Oscillator Type	Internal	Operating Temperature-40°C ~ 105°C (TA)
Number of I/O	122	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 MB96330 Microcontroller IC 16-Bit 48MHz 544KB (544K x 8) FLASH 144-LQFP (20x20)	Data ConvertersA/D 40x10b
Core Size	16-Bit	Core ProcessorF ² MC-16FX
Connectivity	CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART	
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