

MB96F338USAPMC-GS-N2E2



Part Number: [MB96F338USAPMC-GS-N2E2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 544KB FLASH 144LQFP

Data sheet:  [MB96330 Series](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MB96F338USAPMC-GS-N2E2	Manufacturer	Cypress Semiconductor
Description	IC MCU 16BIT 544KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5814 pcs	Data sheet	MB96330 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	48MHz
Series	F [®] MC-16FX MB96330	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	544KB (544K x 8)
Peripherals	DMA, LVD, LVR, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	428-3754 MB96F338USAPMC-GS-N2E2-ND MB96F338USAPMC-GSE2 MB96F338USAPMC-GSE2-ND MB96F338USAPMC-GSK5E2 MB96F338USAPMC-GSK5E2-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	120	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	F [®] MC-16FX F [®] MC-16FX MB96330 Microcontroller IC 16-Bit 48MHz 544KB (544K x 8) FLASH 144-LQFP (20x20)	Data Converters	A/D 36x10b
Core Size	16-Bit	Core Processor	F [®] MC-16FX
Connectivity	CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART, USB		
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	Part#: MB96F338YSAPMC-GK5E2 Description: IC MCU 16BIT 544KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F345DSBPMC-GS-EF2E1 Description: IC MCU 16BIT 160KB FLASH 100LQFP	Manufacturers: Cypress Semiconductor	RFQ
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	Part#: MB96F338RWAPMC-GSE2 Description: IC MCU 16BIT 544KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F338RSAPMCR-G-N2K5E2 Description: IC MCU 16BIT 544KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: MB96F338USAPMC-GK5E2 Description: IC MCU 16BIT 544KB FLASH 144LQFP	Manufacturers: Cypress Semiconductor	RFQ
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