



Cypress Semiconductor



MB96F338USAPMC-GK5E2

Part Number:	MB96F338USAPMC-GK5E2
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 544KB FLASH 144LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MB96F338USAPMC-GK5E2

PART NUMBER	MB96F338USAPMC-GK5E2
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 544KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	48MHz
SERIES	F ² 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	MB96F338USAPMC-GE2 MB96F338USAPMC-GE2-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 ² MC-16FX F ² 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 ² MC-16FX
CONNECTIVITY	CANbus, EBI/EMI, I ² C, LINbus, SCI, UART/USART, USB

Related Tags

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