

CYPRESS
EMBEDDED IN TOMORROW

Cypress Semiconductor



MB9AFA42NBPMC-G-JNE2

Part Number:	MB9AFA42NBPMC-G-JNE2
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 160KB FLASH 100LQFP
Datasheets:	 MB9AFA42NBPMC-G-JNE2.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	27528 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MB9AFA42NBPMC-G-JNE2

PART NUMBER	MB9AFA42NBPMC-G-JNE2
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 160KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	27528 pcs
DATA SHEET	 MB9AFA42NBPMC-G-JNE2.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	40MHz
SERIES	FM3 MB9AA40NB
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	160KB (160K x 8)
PERIPHERALS	DMA, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	CY9AFA42NBPMC-G-JNE2
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	83
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 FM3 MB9AA40NB Microcontroller IC 32-Bit 40MHz 160KB (160K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CSIO, EBI/EMI, I²C, UART/USART

Related Tags

Cypress Semiconductor MB9AFA42NBPMC-G-JNE2	MB9AFA42NBPMC-G-JNE2 Distributor	MB9AFA42NBPMC-G-JNE2 Supplier
MB9AFA42NBPMC-G-JNE2 Price	MB9AFA42NBPMC-G-JNE2 Pictures	MB9AFA42NBPMC-G-JNE2 Image
MB9AFA42NBPMC-G-JNE2 PDF Datasheet	MB9AFA42NBPMC-G-JNE2 Download Datasheet	MB9AFA42NBPMC-G-JNE2 Datasheet
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Cypress Semiconductor MB9AFA42NBPMC-G-JNE2	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB9AFA42NBPMC-G-JNE2	Cypress Semiconductor Corp MB9AFA42NBPMC-G-JNE2	

Related Products

CYPRESS EMBEDDED IN TOMORROW MB9AFA44MBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 27944 pcs RFQ	CYPRESS EMBEDDED IN TOMORROW MB9AFA44LBQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64QFN In stock: 29749 pcs RFQ
CYPRESS EMBEDDED IN TOMORROW MB9AFA42MBBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 96BGA In stock: 23755 pcs RFQ	CYPRESS EMBEDDED IN TOMORROW MB9AFA42MBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 80LQFP In stock: 29880 pcs RFQ
CYPRESS EMBEDDED IN TOMORROW MB9AFA42MBPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 80LQFP In stock: 23110 pcs RFQ	CYPRESS EMBEDDED IN TOMORROW MB9AFA44LBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: 24798 pcs RFQ
CYPRESS EMBEDDED IN TOMORROW MB9AFA44LBPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: 26144 pcs RFQ	CYPRESS EMBEDDED IN TOMORROW MB9AFA42MAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH In stock: 17036 pcs RFQ
CYPRESS EMBEDDED IN TOMORROW MB9AFA44MBBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 96BGA In stock: 23864 pcs RFQ	CYPRESS EMBEDDED IN TOMORROW MB9AFA42NBPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 100QFP In stock: 23221 pcs RFQ
CYPRESS EMBEDDED IN TOMORROW MB9AFA42LBQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 64QFN In stock: 31361 pcs RFQ	CYPRESS EMBEDDED IN TOMORROW MB9AFA42NBBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 112BGA In stock: 17526 pcs RFQ