



Cypress Semiconductor



MB9AFB42NBBGL-GE1

Part Number:	MB9AFB42NBBGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 160KB FLASH 112BGA
Datasheets:	 MB9AFB42NBBGL-GE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	20525 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

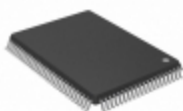
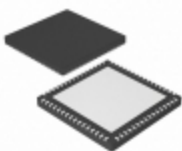
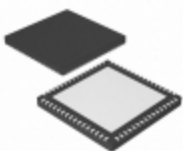
Specifications of MB9AFB42NBBGL-GE1

PART NUMBER	MB9AFB42NBBGL-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 160KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	20525 pcs
DATA SHEET	 MB9AFB42NBBGL-GE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	112-PFBGA (10x10)
SPEED	40MHz
SERIES	FM3 MB9AB40NB
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	112-LFBGA
OTHER NAMES	CY9AFB42NBBGL-GE1
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 MB9AB40NB Microcontroller IC 32-Bit 40MHz 160KB (160K x 8) FLASH 112-PFBGA (10x10)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CSIO, EBI/EMI, I²C, UART/USART, USB

Related Tags

Cypress Semiconductor MB9AFB42NBBGL-GE1	MB9AFB42NBBGL-GE1 Distributor	MB9AFB42NBBGL-GE1 Supplier
MB9AFB42NBBGL-GE1 Price	MB9AFB42NBBGL-GE1 Pictures	MB9AFB42NBBGL-GE1 Image
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Cypress Semiconductor MB9AFB42NBBGL-GE1	Cypress Semiconductor Corp MB9AFB42NBBGL-GE1	

Related Products

 MB9AFB42NBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 100LQFP In stock: 29274 pcs RFQ	 MB9AFB42NBPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 100QFP In stock: 24844 pcs RFQ
 MB9AFB42MBBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 96BGA In stock: 21566 pcs RFQ	 MB9AFB42LBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 64LQFP In stock: 29198 pcs RFQ
 MB9AFB42MBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 80LQFP In stock: 28309 pcs RFQ	 MB9AFB42LBPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 64LQFP In stock: 22870 pcs RFQ
 MB9AFB42LBQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 64QFN In stock: 32461 pcs RFQ	 MB9AFB44LBQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64QFN In stock: 32868 pcs RFQ
 MB9AFB44LBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: 25346 pcs RFQ	 MB9AFB42MBPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 160KB FLASH 80LQFP In stock: 29021 pcs RFQ
 MB9AFB44MBBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 96BGA In stock: 22885 pcs RFQ	 MB9AFB44LBPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64LQFP In stock: 29552 pcs RFQ