

CYPRESS
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Cypress Semiconductor



Image may be representation. See specifications for product details.

MB9AF144NBBGL-GE1

Part Number:	MB9AF144NBBGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 288KB FLASH 112BGA
Datasheets:	 MB9AF144NBBGL-GE1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	20437 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

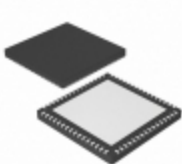
Specifications of MB9AF144NBBGL-GE1

PART NUMBER	MB9AF144NBBGL-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 288KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	20437 pcs
DATA SHEET	 MB9AF144NBBGL-GE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.65 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	96-FBGA (6x6)
SPEED	40MHz
SERIES	FM3 MB9A140NB
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	288KB (288K x 8)
PERIPHERALS	LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	96-LFBGA
OTHER NAMES	CY9AF144NBBGL-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 MB9A140NB Microcontroller IC 32-Bit 40MHz 288KB (288K x 8) FLASH 96-FBGA (6x6)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CSIO, EBI/EMI, I²C, SPI, UART/USART

Related Tags

Cypress Semiconductor MB9AF144NBBGL-GE1	MB9AF144NBBGL-GE1 Distributor	MB9AF144NBBGL-GE1 Supplier
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Related Products

 MB9AF144NBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100LQFP In stock: 29491 pcs RFQ	 MB9AF154MABGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 96BGA In stock: 23098 pcs RFQ
 MB9AF144MAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH In stock: 19045 pcs RFQ	 MB9AF154MAPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 25455 pcs RFQ
 MB9AF144MBBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 96BGA In stock: 21759 pcs RFQ	 MB9AF144MABGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH In stock: 14550 pcs RFQ
 MB9AF144LBQN-G-AVE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 64QFN In stock: 28205 pcs RFQ	 MB9AF144NBPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100QFP In stock: 23483 pcs RFQ
 MB9AF154MBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 28212 pcs RFQ	 MB9AF144MBPMC1-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 21253 pcs RFQ
 MB9AF144MBPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 80LQFP In stock: 30025 pcs RFQ	 MB9AF154MBBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 96PFBGA In stock: 24971 pcs RFQ