



Cypress Semiconductor



MB9BF316NBGL-GE1

Part Number:	MB9BF316NBGL-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 544KB FLASH 112BGA
Datasheets:	 MB9BF316NBGL-GE1.pdf
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.

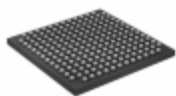
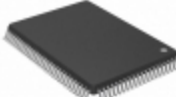
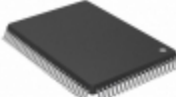
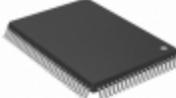
Specifications of MB9BF316NBGL-GE1

PART NUMBER	MB9BF316NBGL-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 544KB FLASH 112BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MB9BF316NBGL-GE1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-PFBGA (10x10)
SPEED	144MHz
SERIES	FM3 MB9B310R
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	544KB (544K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LFBGA
OTHER NAMES	CY9BF316NBGL-GE1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	83
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	26 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 FM3 MB9B310R Microcontroller IC 32-Bit 144MHz 544KB (544K x 8) FLASH 112-PFBGA (10x10)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CSIO, EBI/EMI, I²C, LINbus, UART/USART, USB

Related Tags

Cypress Semiconductor MB9BF316NBGL-GE1	MB9BF316NBGL-GE1 Distributor	MB9BF316NBGL-GE1 Supplier
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Cypress Semiconductor MB9BF316NBGL-GE1	Cypress Semiconductor Corp MB9BF316NBGL-GE1	

Related Products

 MB9BF316TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 192BGA In stock: Out stock RFQ	 MB9BF315NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 112BGA In stock: Out stock RFQ
 MB9BF314NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 100QFP In stock: Out stock RFQ	 MB9BF316NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100QFP In stock: Out stock RFQ
 MB9BF315NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 100QFP In stock: Out stock RFQ	 MB9BF316RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 120LQFP In stock: Out stock RFQ
 MB9BF315NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 100LQFP In stock: Out stock RFQ	 MB9BF314RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 120LQFP In stock: Out stock RFQ
 MB9BF316SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ	 MB9BF316TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: Out stock RFQ
 MB9BF315RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 120LQFP In stock: Out stock RFQ	 MB9BF316NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 544KB FLASH 100LQFP In stock: 360 pcs RFQ