



Cypress Semiconductor



MB9BF416NPMC-G-JNE2

Part Number:	MB9BF416NPMC-G-JNE2
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	 MB9BF416NPMC-G-JNE2.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

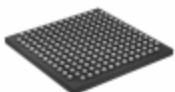
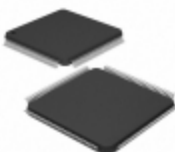
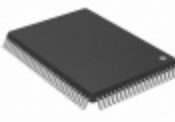
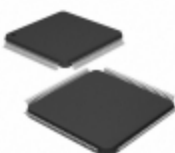
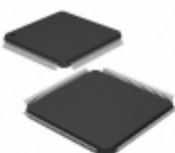
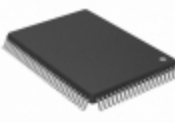
Specifications of MB9BF416NPMC-G-JNE2

PART NUMBER	MB9BF416NPMC-G-JNE2
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MB9BF416NPMC-G-JNE2.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	144MHz
SERIES	FM3 MB9B410R
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	428-4466 CY9BF416NPMC-G-JNE2 MB9BF416NPMC-G-JNE2-ND
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	27 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 FM3 MB9B410R Microcontroller IC 32-Bit 144MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, CSIO, EBI/EMI, I²C, LINbus, UART/USART

Related Tags

Cypress Semiconductor MB9BF416NPMC-G-JNE2	MB9BF416NPMC-G-JNE2 Distributor	MB9BF416NPMC-G-JNE2 Supplier
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Related Products

 MB9BF416NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: Out stock RFQ	 MB9BF416TBGL-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 192BGA In stock: Out stock RFQ
 MB9BF415RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 120LQFP In stock: Out stock RFQ	 MB9BF416SPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ
 MB9BF416NPQC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 100QFP In stock: Out stock RFQ	 MB9BF415NBGL-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 112BGA In stock: Out stock RFQ
 MB9BF416RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 120LQFP In stock: Out stock RFQ	 MB9BF414RPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 288KB FLASH 120LQFP In stock: Out stock RFQ
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 MB9BF416TPMC-GK7E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 512KB FLASH 176LQFP In stock: Out stock RFQ	 MB9BF415NPMC-G-JNE2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 416KB FLASH 100LQFP In stock: Out stock RFQ