



Cypress Semiconductor



Image may be representation. See specifications for product details.

MB90F591APF-G

Part Number:	MB90F591APF-G
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 384KB FLASH 100QFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4186 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

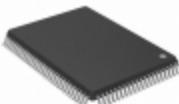
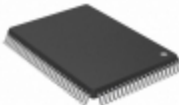
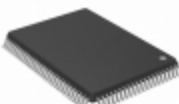
Specifications of MB90F591APF-G

PART NUMBER	MB90F591APF-G
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 384KB FLASH 100QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4186 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	100-PQFP (20x14)
SPEED	16MHz
SERIES	F ² MC-16LX MB90590
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	384KB (384K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-BQFP
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	78
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	F ² MC-16LX F ² MC-16LX MB90590 Microcontroller IC 16-Bit 16MHz 384KB (384K x 8) FLASH 100-PQFP (20x14)
DATA CONVERTERS	A/D 8x8/10b
CORE SIZE	16-Bit
CORE PROCESSOR	F ² MC-16LX
CONNECTIVITY	CANbus, EBI/EMI, SCI, Serial I/O, UART/USART

Related Tags

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Cypress Semiconductor MB90F591APF-G	Cypress Semiconductor Corp MB90F591APF-G	

Related Products

 MB90F568PMCR-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 128KB FLASH In stock: 6288 pcs RFQ	 MB90F591APFR-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 3963 pcs RFQ
 MB90F591GHZPFR-GS Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 4565 pcs RFQ	 MB90F574APFV-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB FLASH 120QFP In stock: 3976 pcs RFQ
 MB90F583BPFR-GE1 Manufacturers: Cypress Semiconductor Description: MM MCU In stock: 3577 pcs RFQ	 MB90F583BPMC-GE1 Manufacturers: Cypress Semiconductor Description: MM MCU In stock: 5022 pcs RFQ
 MB90F591APF-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 5605 pcs RFQ	 MB90F583BPF-GE1 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 3518 pcs RFQ
 MB90F583CPF-GE1 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 3311 pcs RFQ	 MB90F591GHPFR-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 3910 pcs RFQ
 MB90F591GHPFR-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 4278 pcs RFQ	 MB90F591APFR-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 5094 pcs RFQ