



Cypress Semiconductor



MB90F591APFR-GE1

Part Number:	MB90F591APFR-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 384KB FLASH 100QFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5094 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

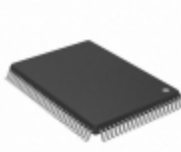
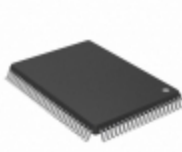
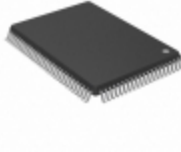
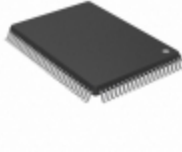
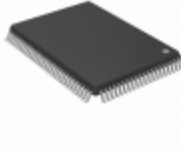
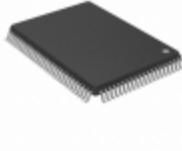
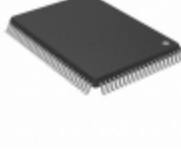
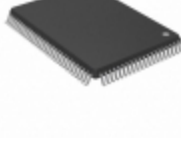
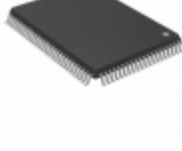
Specifications of MB90F591APFR-GE1

PART NUMBER	MB90F591APFR-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 384KB FLASH 100QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5094 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
OTHER NAMES	CY90F591APFR-GE1
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

Cypress Semiconductor MB90F591APFR-GE1	MB90F591APFR-GE1 Distributor	MB90F591APFR-GE1 Supplier
MB90F591APFR-GE1 Price	MB90F591APFR-GE1 Pictures	MB90F591APFR-GE1 Image
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MB90F591APFR-GE1 Stock	Buy MB90F591APFR-GE1	Buy Cypress Semiconductor MB90F591APFR-GE1
Cypress Semiconductor MB90F591APFR-GE1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB90F591APFR-GE1	Cypress Semiconductor Corp MB90F591APFR-GE1	

Related Products

 MB90F591APF-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 4186 pcs RFQ	 MB90F591GPF-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 4255 pcs RFQ
 MB90F591GHPFR-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 3910 pcs RFQ	 MB90F591APFR-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 3963 pcs RFQ
 MB90F583CPF-GE1 Manufacturers: Cypress Semiconductor Description: IC MICROCONTROLLER In stock: 3311 pcs RFQ	 MB90F583BPFR-GE1 Manufacturers: Cypress Semiconductor Description: MM MCU In stock: 3577 pcs RFQ
 MB90F591GHZPFR-GS Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 4565 pcs RFQ	 MB90F591GHPFR-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 4278 pcs RFQ
 MB90F591APF-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 5605 pcs RFQ	 MB90F583BPMC-GE1 Manufacturers: Cypress Semiconductor Description: MM MCU In stock: 5022 pcs RFQ
 MB90F591GHZPQC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 4123 pcs RFQ	 MB90F591GHZPFR-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: 4358 pcs RFQ