



MB90F594APF-GE1

Part Number:	MB90F594APF-GE1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 16BIT 256KB FLASH 100QFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

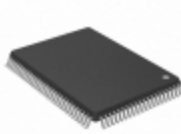
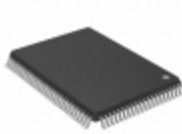
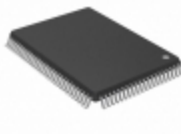
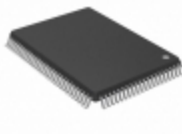
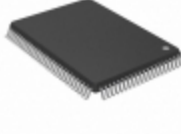
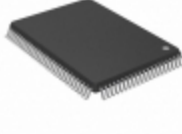
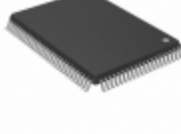
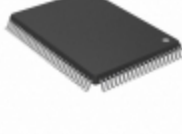
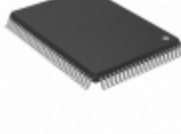
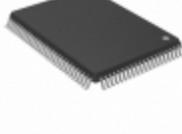
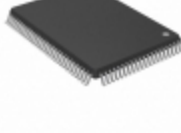
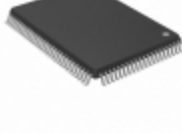
Specifications of MB90F594APF-GE1

PART NUMBER	MB90F594APF-GE1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 16BIT 256KB FLASH 100QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-PQFP (20x14)
SPEED	16MHz
SERIES	F ² MC-16LX MB90590
RAM SIZE	6K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-BQFP
OTHER NAMES	CY90F594APF-GE1
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	78
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	23 Weeks
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 256KB (256K 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 MB90F594APF-GE1	MB90F594APF-GE1 Distributor	MB90F594APF-GE1 Supplier
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Related Products

 MB90F594APFR-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT In stock: 66 pcs RFQ	 MB90F594APFR-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: Out stock RFQ
 MB90F594GHPFR-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: Out stock RFQ	 MB90F591GPFR-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: Out stock RFQ
 MB90F594APF-G-9001 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: Out stock RFQ	 MB90F591GPF-GE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: Out stock RFQ
 MB90F591GPF-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: Out stock RFQ	 MB90F594GHPFR-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: Out stock RFQ
 MB90F594APFR-G-9003 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: Out stock RFQ	 MB90F594APF-G Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: Out stock RFQ
 MB90F594GHPF-GSE1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 256KB FLASH 100QFP In stock: Out stock RFQ	 MB90F591GHZPQC-GSE2 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 384KB FLASH 100QFP In stock: Out stock RFQ