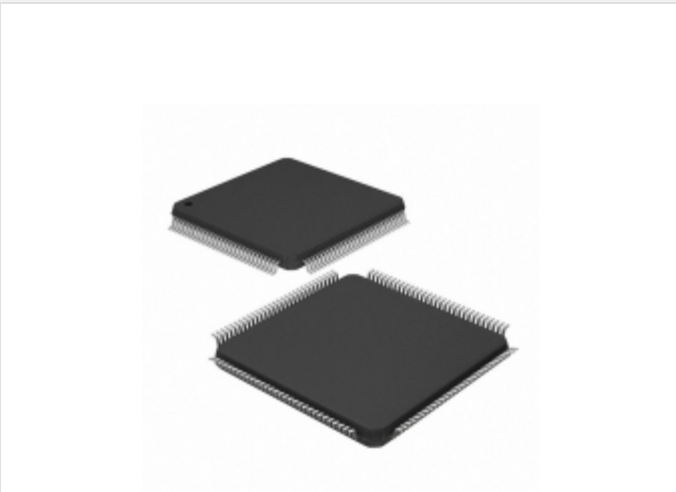


MB90F395HAPMCR-GS-SPE2





Part Number:

MB90F395HAPMCR-GS-SPE2

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 512KB FLASH 120LQFP

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

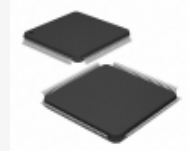
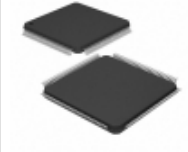
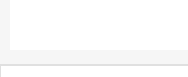
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                  |                                  |                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | MB90F395HAPMCR-GS-SPE2           | Manufacturer                     | Cypress Semiconductor                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 512KB FLASH 120LQFP | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 4638 pcs                         | Data sheet                       |                                                                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | Integrated Circuits (ICs)        | Voltage - Supply (Vcc/Vdd)       | 3.5 V ~ 5.5 V                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                        | 120-LQFP (16x16)                 | Speed                            | 24MHz                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | F*MC-16LX MB90390                | RAM Size                         | 30K x 8                                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                            | Program Memory Size              | 512KB (512K x 8)                                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                    | POR, PWM, WDT                    | Packaging                        | Tray                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                 | 120-LQFP                         | Other Names                      | CY90F395HAPMCR-GS-SPE2                                                                              |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                | External                         | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                   |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                  | 96                               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                | 17 Weeks                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                          |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                | Detailed Description             | F*MC-16LX F*MC-16LX MB90390 Microcontroller IC 16-Bit 24MHz 512KB (512K x 8) FLASH 120-LQFP (16x16) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 15x8/10b                     | Core Size                        | 16-Bit                                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                 | F*MC-16LX                        | Connectivity                     | CANbus, I <sup>2</sup> C, LINbus, SCI, Serial I/O, UART/USART                                       |
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| RELATED PRODUCTS                                                                   |                                                                               |                                      |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------|-----|
|  | Part#: MB90F423GAPF-GE1<br>Description: IC MCU 16BIT 128KB FLASH 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-C0052<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F423GAZPFV-GSE1<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-C0036<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMT-GS-SPE1<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F423GCPF-GE1<br>Description: IC MCU 16BIT 128KB FLASH 100QFP       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-GS-SP<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-C0047<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F423GAVPF-G<br>Description: IC MCU 16BIT 128KB FLASH 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-C0034<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-GSE2<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP   | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-C0035<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-C0053<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-C0058<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F423GAZPFV-GE1<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP    | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-C0051<br>Description: IC MCU 16BIT 512KB FLASH 120LQFP  | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F423GAPFR-G<br>Description: IC MCU 16BIT 128KB FLASH 100QFP        | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HAPMCR-GS-N2E2<br>Description: IC MICROCONTROLLER              | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HPMT-GSE1<br>Description: IC MCU 16BIT 384KB FLASH 120LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90F395HPMCR-GS<br>Description: IC MCU 16BIT 384KB FLASH 120LQFP      | Manufacturers: Cypress Semiconductor | RFQ |

|                                              |                                              |                                                   |                              |
|----------------------------------------------|----------------------------------------------|---------------------------------------------------|------------------------------|
| Related keywords for MB90F395HAPMCR-GS-SPE2  |                                              |                                                   |                              |
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