



Cypress Semiconductor



MB90F395HAPMCR-C0007

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F395HAPMCR-C0007                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 512KB FLASH 120LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4222 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

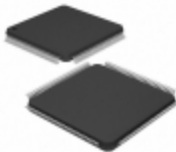
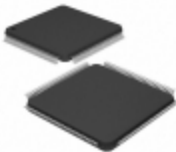
Specifications of MB90F395HAPMCR-C0007

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F395HAPMCR-C0007                                                                                                          |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 512KB FLASH 120LQFP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 4222 pcs                                                                                                                      |
| DATA SHEET                       |                                                                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 120-LQFP (16x16)                                                                                                              |
| SPEED                            | 24MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> 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                                                                                                                      |
| OSCILLATOR TYPE                  | External                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                             |
| NUMBER OF I/O                    | 96                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| EEPROM SIZE                      | -                                                                                                                             |
| DETAILED DESCRIPTION             | F <sup>2</sup> MC-16LX F <sup>2</sup> 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 <sup>2</sup> MC-16LX                                                                                                        |
| CONNECTIVITY                     | CANbus, I <sup>2</sup> C, LINbus, SCI, Serial I/O, UART/USART                                                                 |

Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB90F395HAPMCR-C0007 | MB90F395HAPMCR-C0007 Distributor                | MB90F395HAPMCR-C0007 Supplier                  |
| MB90F395HAPMCR-C0007 Price                 | MB90F395HAPMCR-C0007 Pictures                   | MB90F395HAPMCR-C0007 Image                     |
| MB90F395HAPMCR-C0007 PDF Datasheet         | MB90F395HAPMCR-C0007 Download Datasheet         | MB90F395HAPMCR-C0007 Datasheet                 |
| MB90F395HAPMCR-C0007 Stock                 | Buy MB90F395HAPMCR-C0007                        | Buy Cypress Semiconductor MB90F395HAPMCR-C0007 |
| Cypress Semiconductor MB90F395HAPMCR-C0007 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB90F395HAPMCR-C0007 | Cypress Semiconductor Corp MB90F395HAPMCR-C0007 |                                                |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>MB90F395HAPMCR-C0027</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 120LQFP<br/>In stock: 4187 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F395HAPMCR-C0025</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 120LQFP<br/>In stock: 4188 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90F395HAPMCR-C0009</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 120LQFP<br/>In stock: 4748 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F395HAPMCR-C0005</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 120LQFP<br/>In stock: 4940 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90F395HAPMCR-C0033</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 120LQFP<br/>In stock: 4697 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F395HAPMCR-C0026</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 120LQFP<br/>In stock: 4805 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB90F395HAPMCR-C0004</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 120LQFP<br/>In stock: 3734 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F394SAPMT-GE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.35 LQFP<br/>In stock: 4352 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>MB90F395HAPMCR-C0008</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 120LQFP<br/>In stock: 4217 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F394SAPMT-G-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH MICOM-0.35 LQFP<br/>In stock: 8207 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB90F395HAPMCR-C0006</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 120LQFP<br/>In stock: 4510 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MB90F394HPMT-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU FLASH 384KB FLASH 120LQFP<br/>In stock: 5653 pcs<br/><div>RFQ</div></div>    |