



MB96385RSCPMC-GS-114E2

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|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96385RSCPMC-GS-114E2                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 160KB MROM 120LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

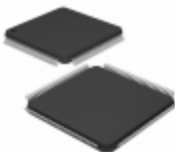
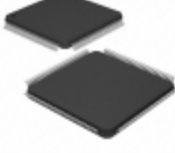
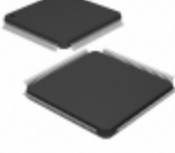
Specifications of MB96385RSCPMC-GS-114E2

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96385RSCPMC-GS-114E2                                                                                                           |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 160KB MROM 120LQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| DATA SHEET                       |                                                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 120-LQFP (16x16)                                                                                                                 |
| SPEED                            | 56MHz                                                                                                                            |
| SERIES                           | F <sup>2</sup> MC-16FX MB96380                                                                                                   |
| RAM SIZE                         | 8K x 8                                                                                                                           |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                         |
| PROGRAM MEMORY SIZE              | 160KB (160K x 8)                                                                                                                 |
| PERIPHERALS                      | DMA, LCD, LVD, LVR, POR, PWM, WDT                                                                                                |
| PACKAGING                        | Tray                                                                                                                             |
| PACKAGE / CASE                   | 120-LQFP                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°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-16FX F <sup>2</sup> MC-16FX MB96380 Microcontroller IC 16-Bit 56MHz 160KB (160K x 8) Mask ROM 120-LQFP (16x16) |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                                       |
| CORE SIZE                        | 16-Bit                                                                                                                           |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16FX                                                                                                           |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                       |

Related Tags

|                                              |                                                   |                                                  |
|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Cypress Semiconductor MB96385RSCPMC-GS-114E2 | MB96385RSCPMC-GS-114E2 Distributor                | MB96385RSCPMC-GS-114E2 Supplier                  |
| MB96385RSCPMC-GS-114E2 Price                 | MB96385RSCPMC-GS-114E2 Pictures                   | MB96385RSCPMC-GS-114E2 Image                     |
| MB96385RSCPMC-GS-114E2 PDF Datasheet         | MB96385RSCPMC-GS-114E2 Download Datasheet         | MB96385RSCPMC-GS-114E2 Datasheet                 |
| MB96385RSCPMC-GS-114E2 Stock                 | Buy MB96385RSCPMC-GS-114E2                        | Buy Cypress Semiconductor MB96385RSCPMC-GS-114E2 |
| Cypress Semiconductor MB96385RSCPMC-GS-114E2 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB96385RSCPMC-GS-114E2 | Cypress Semiconductor Corp MB96385RSCPMC-GS-114E2 |                                                  |

Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MB96385RSCPMC-GS-120E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MB96384RWBPMC-GS-118E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MB96385RSCPMC-GS-126E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MB96385RSCPMC-GS-121E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MB96385RSBPMC-GS-101E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MB96385RSCPMC-GS-108E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MB96385RSCPMC-GS-123E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MB96384RWCPMC-GS-110E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MB96385RSCPMC-GS-119E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MB96384RWBPMC-GS-113E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MB96384RWBPMC-GS-129E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MB96385RSCPMC-GS-122E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |