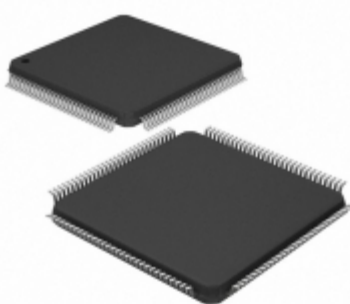


MB96385RWCPMC-G-004E2



Part Number: [MB96385RWCPMC-G-004E2](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 160KB MROM 120LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

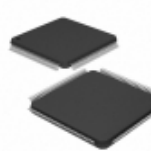
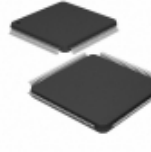
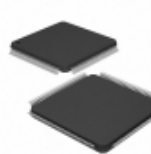
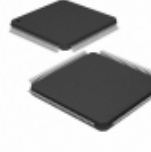
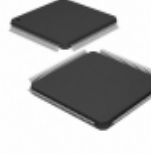
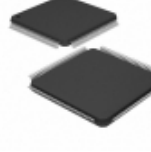
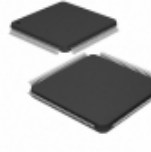
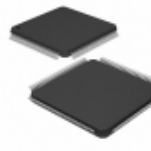
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                |                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MB96385RWCPMC-G-004E2                     | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 160KB MROM 120LQFP           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4604 pcs                                  | Data sheet                     |                                                                                                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | 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                  | 94                                                                                                                               |
| 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                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 4604 pieces of Cypress Semiconductor MB96385RWCPMC-G-004E2 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                                |                                                      |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">MB96395RWAPMC-G-001E2</a><br>Description: IC MCU 16BIT 160KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RSCPMC-GS-126E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F001YBPMC1-GSE1</a><br>Description: IC MCU MICOM CU80M 64LQFP           | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96395RSAPMC-GS-102E2</a><br>Description: IC MCU 16BIT 96KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96393RSAPMC-GS-104ERE2</a><br>Description: IC MCU 16BIT 96KB MROM 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RSCPMC-GS-119E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RSCPMC-GS-120E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96395RSAPMC-GS-110E2</a><br>Description: IC MICROCONTROLLER               | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RWCPMC-GS-111E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96393RSAPMC-GS-103ERE2</a><br>Description: IC MCU 16BIT 96KB MROM 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RSCPMC-GS-130E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RSCPMC-GS-122E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RSCPMC-GS-123E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RSCPMC-GS-128E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RSCPMC-GS-135E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RSCPMC-GS-121E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96385RWBPMC-G-003E2</a><br>Description: IC MCU 16BIT 160KB MROM 120LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F001YBPMC1-GSE2</a><br>Description: IC MCU MICOM CU80M 64LQFP           | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96395RSAPMC-GS-105E2</a><br>Description: IC MCU 16BIT 160KB MROM 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB96F001YBPMC1-GS-JKE1</a><br>Description: IC MCU MICOM CU80M 64LQFP        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

Related keywords for MB96385RWCPMC-G-004E2

|                                             |                                             |                                                  |                             |
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