



Cypress Semiconductor



MB96346RSAPMC-GS-106E2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96346RSAPMC-GS-106E2                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 288KB MROM 100LQFP                                                                              |
| Datasheets:         |  MB96346RSAPMC-GS-106E2.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5588 pcs stock                                                                                               |
| 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 MB96346RSAPMC-GS-106E2

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96346RSAPMC-GS-106E2                                                                                                           |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 288KB MROM 100LQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 5588 pcs                                                                                                                         |
| DATA SHEET                       |  MB96346RSAPMC-GS-106E2.pdf                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                                 |
| SPEED                            | 56MHz                                                                                                                            |
| SERIES                           | F <sup>2</sup> MC-16FX MB96340                                                                                                   |
| RAM SIZE                         | 16K x 8                                                                                                                          |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                         |
| PROGRAM MEMORY SIZE              | 288KB (288K x 8)                                                                                                                 |
| PERIPHERALS                      | DMA, LVD, LVR, POR, PWM, WDT                                                                                                     |
| PACKAGING                        | Tray                                                                                                                             |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                               |
| NUMBER OF I/O                    | 82                                                                                                                               |
| 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 MB96340 Microcontroller IC 16-Bit 56MHz 288KB (288K x 8) Mask ROM 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 24x10b                                                                                                                       |
| 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 MB96346RSAPMC-GS-106E2 | MB96346RSAPMC-GS-106E2 Distributor                | MB96346RSAPMC-GS-106E2 Supplier                  |
| MB96346RSAPMC-GS-106E2 Price                 | MB96346RSAPMC-GS-106E2 Pictures                   | MB96346RSAPMC-GS-106E2 Image                     |
| MB96346RSAPMC-GS-106E2 PDF Datasheet         | MB96346RSAPMC-GS-106E2 Download Datasheet         | MB96346RSAPMC-GS-106E2 Datasheet                 |
| MB96346RSAPMC-GS-106E2 Stock                 | Buy MB96346RSAPMC-GS-106E2                        | Buy Cypress Semiconductor MB96346RSAPMC-GS-106E2 |
| Cypress Semiconductor MB96346RSAPMC-GS-106E2 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB96346RSAPMC-GS-106E2 | Cypress Semiconductor Corp MB96346RSAPMC-GS-106E2 |                                                  |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                 |
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|  <div><b>MB96345RSAPMC-GS-XXXE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM<br/>In stock: 3530 pcs</div> <div>RFQ</div>          |  <div><b>MB96375RSAPMC-GS-101K5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 144LQFP<br/>In stock: 10547 pcs</div> <div>RFQ</div> |
|  <div><b>MB96375RSAPMC-GS-106K5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 3490 pcs</div> <div>RFQ</div>             |  <div><b>MB96375RSAPMC-GS-103K5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 144LQFP<br/>In stock: 11347 pcs</div> <div>RFQ</div> |
|  <div><b>MB96345RSAPMC-GS-105E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 100LQFP<br/>In stock: 17444 pcs</div> <div>RFQ</div> |  <div><b>MB96345RSAPMC-GS-103E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 100LQFP<br/>In stock: 3329 pcs</div> <div>RFQ</div>    |
|  <div><b>MB96345RSAPMC-GS-102E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 100LQFP<br/>In stock: 2895 pcs</div> <div>RFQ</div>  |  <div><b>MB96346RSAPMC-GS-108E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB MROM 100LQFP<br/>In stock: 16860 pcs</div> <div>RFQ</div>   |
|  <div><b>MB96346RSAPMC-GS-107E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB MROM 100LQFP<br/>In stock: 12358 pcs</div> <div>RFQ</div> |  <div><b>MB96346RSAPMC-GS-104E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB MROM 100LQFP<br/>In stock: 12566 pcs</div> <div>RFQ</div>   |
|  <div><b>MB96345RSAPMC-GS-112E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 5833 pcs</div> <div>RFQ</div>               |  <div><b>MB96375RSAPMC-GS-102K5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 160KB MROM 144LQFP<br/>In stock: 13149 pcs</div> <div>RFQ</div> |