



MB90947APF-GS-110-ERE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90947APF-GS-110-ERE1                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100QFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 20650 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

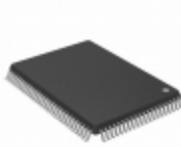
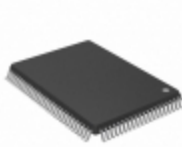
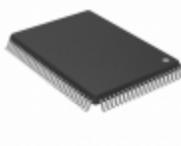
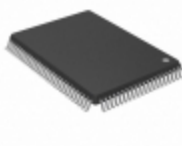
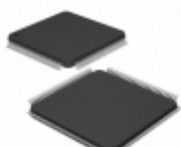
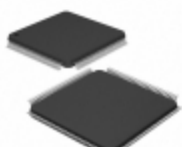
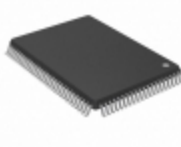
Specifications of MB90947APF-GS-110-ERE1

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90947APF-GS-110-ERE1                                                                                                           |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100QFP                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| QUANTITY AVAILABLE               | 20650 pcs                                                                                                                        |
| DATA SHEET                       |                                                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                                 |
| SPEED                            | 24MHz                                                                                                                            |
| SERIES                           | F <sup>2</sup> MC-16LX MB90945                                                                                                   |
| RAM SIZE                         | 6K x 8                                                                                                                           |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                         |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                 |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                 |
| PACKAGE / CASE                   | 100-BQFP                                                                                                                         |
| OTHER NAMES                      | CY90947APF-GS-110-ERE1                                                                                                           |
| OSCILLATOR TYPE                  | External                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°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-16LX F <sup>2</sup> MC-16LX MB90945 Microcontroller IC 16-Bit 24MHz 128KB (128K x 8) Mask ROM 100-PQFP (20x14) |
| 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 MB90947APF-GS-110-ERE1 | MB90947APF-GS-110-ERE1 Distributor                | MB90947APF-GS-110-ERE1 Supplier                  |
| MB90947APF-GS-110-ERE1 Price                 | MB90947APF-GS-110-ERE1 Pictures                   | MB90947APF-GS-110-ERE1 Image                     |
| MB90947APF-GS-110-ERE1 PDF Datasheet         | MB90947APF-GS-110-ERE1 Download Datasheet         | MB90947APF-GS-110-ERE1 Datasheet                 |
| MB90947APF-GS-110-ERE1 Stock                 | Buy MB90947APF-GS-110-ERE1                        | Buy Cypress Semiconductor MB90947APF-GS-110-ERE1 |
| Cypress Semiconductor MB90947APF-GS-110-ERE1 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB90947APF-GS-110-ERE1 | Cypress Semiconductor Corp MB90947APF-GS-110-ERE1 |                                                  |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>MB90947APFR-GS-102</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 13473 pcs<br/><b>RFQ</b></div>    | <div></div> <div><b>MB90947APQC-GS-109E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 7054 pcs<br/><b>RFQ</b></div>    |
| <div></div> <div><b>MB90931PMC-GS-133E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: 21922 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>MB90931PMC-GS-132E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: 17555 pcs<br/><b>RFQ</b></div>   |
| <div></div> <div><b>MB90947APFR-GS-102E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5016 pcs<br/><b>RFQ</b></div>   | <div></div> <div><b>MB90947APQC-GS-107-ERE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 5455 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>MB90931PMC-GS-126E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: 16764 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>MB90F020CPMT-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU MICOM FLASH 120LQFP<br/>In stock: 3922 pcs<br/><b>RFQ</b></div>              |
| <div></div> <div><b>MB90931PMC-GS-128E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: 17733 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>MB90931PMC-GS-134E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: 11580 pcs<br/><b>RFQ</b></div>   |
| <div></div> <div><b>MB90947APQCR-GS-105E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100QFP<br/>In stock: 13681 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>MB90931PMC-GS-131E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 120LQFP<br/>In stock: 17605 pcs<br/><b>RFQ</b></div>   |