

Cypress Semiconductor



### MB90867APFV-G-182-JNE1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90867APFV-G-182-JNE1                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 128KB MROM 100LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7058 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 MB90867APFV-G-182-JNE1

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90867APFV-G-182-JNE1                                                                                                            |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                             |
| DESCRIPTION                      | IC MCU 16BIT 128KB MROM 100LQFP                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                        |
| QUANTITY AVAILABLE               | 7058 pcs                                                                                                                          |
| DATA SHEET                       |                                                                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                                  |
| SPEED                            | 24MHz                                                                                                                             |
| SERIES                           | F <sup>2</sup> MC-16LX MB90860A                                                                                                   |
| RAM SIZE                         | 6K x 8                                                                                                                            |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                          |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                  |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                              |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                          |
| OSCILLATOR TYPE                  | External                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                |
| NUMBER OF I/O                    | 80                                                                                                                                |
| 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 MB90860A Microcontroller IC 16-Bit 24MHz 128KB (128K x 8) Mask ROM 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 24x8/10b                                                                                                                      |
| CORE SIZE                        | 16-Bit                                                                                                                            |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                            |
| CONNECTIVITY                     | EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                                |

#### Related Tags

|                                              |                                                   |                                                  |
|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Cypress Semiconductor MB90867APFV-G-182-JNE1 | MB90867APFV-G-182-JNE1 Distributor                | MB90867APFV-G-182-JNE1 Supplier                  |
| MB90867APFV-G-182-JNE1 Price                 | MB90867APFV-G-182-JNE1 Pictures                   | MB90867APFV-G-182-JNE1 Image                     |
| MB90867APFV-G-182-JNE1 PDF Datasheet         | MB90867APFV-G-182-JNE1 Download Datasheet         | MB90867APFV-G-182-JNE1 Datasheet                 |
| MB90867APFV-G-182-JNE1 Stock                 | Buy MB90867APFV-G-182-JNE1                        | Buy Cypress Semiconductor MB90867APFV-G-182-JNE1 |
| Cypress Semiconductor MB90867APFV-G-182-JNE1 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB90867APFV-G-182-JNE1 | Cypress Semiconductor Corp MB90867APFV-G-182-JNE1 |                                                  |

#### Related Products

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| <div></div> <div><b>MB90867ASPFV-G-136E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4955 pcs</div> <div>RFQ</div>    | <div></div> <div><b>MB90867APMC-G-526E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 3203 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MB90867ASPFV-G-136-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5754 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB90803SPF-G-110-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MICROCONTROLLER<br/>In stock: 4899 pcs</div> <div>RFQ</div>               |
| <div></div> <div><b>MB90867APFV-G-123E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 4263 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MB90867APFV-G-182E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5766 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MB90867APFV-G-400E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 3662 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MB90822PMC1-G-132E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 64KB MROM<br/>In stock: 3911 pcs</div> <div>RFQ</div>             |
| <div></div> <div><b>MB90867APFV-G-157E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 5821 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MB90867APFV-G-123-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 2794 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB90823BPMC1-G-XXXE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 80LQFP<br/>In stock: 5215 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MB90867APMC-G-592E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 128KB MROM 100LQFP<br/>In stock: 9880 pcs</div> <div>RFQ</div>    |