

Cypress Semiconductor



### MB89567APFV-GS-249E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB89567APFV-GS-249E1                                                                                         |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 8BIT 32KB MROM 80LQFP                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4713 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of MB89567APFV-GS-249E1

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB89567APFV-GS-249E1                                                                                                        |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 32KB MROM 80LQFP                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                  |
| QUANTITY AVAILABLE               | 4713 pcs                                                                                                                    |
| DATA SHEET                       |                                                                                                                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 5.5 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 80-LQFP (12x12)                                                                                                             |
| SPEED                            | 12.5MHz                                                                                                                     |
| SERIES                           | F <sup>2</sup> MC-8L MB89560A                                                                                               |
| RAM SIZE                         | 1K x 8                                                                                                                      |
| PROGRAM MEMORY TYPE              | Mask ROM                                                                                                                    |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                              |
| PERIPHERALS                      | LCD, POR, PWM, WDT                                                                                                          |
| PACKAGING                        | Tray                                                                                                                        |
| PACKAGE / CASE                   | 80-LQFP                                                                                                                     |
| OSCILLATOR TYPE                  | External                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                           |
| NUMBER OF I/O                    | 50                                                                                                                          |
| 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-8L F <sup>2</sup> MC-8L MB89560A Microcontroller IC 8-Bit 12.5MHz 32KB (32K x 8) Mask ROM 80-LQFP (12x12) |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                       |
| CORE PROCESSOR                   | F <sup>2</sup> MC-8L                                                                                                        |
| CONNECTIVITY                     | Serial I/O, UART/USART                                                                                                      |

#### Related Tags

|                                            |                                                 |                                                |
|--------------------------------------------|-------------------------------------------------|------------------------------------------------|
| Cypress Semiconductor MB89567APFV-GS-249E1 | MB89567APFV-GS-249E1 Distributor                | MB89567APFV-GS-249E1 Supplier                  |
| MB89567APFV-GS-249E1 Price                 | MB89567APFV-GS-249E1 Pictures                   | MB89567APFV-GS-249E1 Image                     |
| MB89567APFV-GS-249E1 PDF Datasheet         | MB89567APFV-GS-249E1 Download Datasheet         | MB89567APFV-GS-249E1 Datasheet                 |
| MB89567APFV-GS-249E1 Stock                 | Buy MB89567APFV-GS-249E1                        | Buy Cypress Semiconductor MB89567APFV-GS-249E1 |
| Cypress Semiconductor MB89567APFV-GS-249E1 | Cypress Semiconductor Supplier                  | Cypress Semiconductor Distributor              |
| Cypress Semiconductor MB89567APFV-GS-249E1 | Cypress Semiconductor Corp MB89567APFV-GS-249E1 |                                                |

#### Related Products

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| <div></div> <div><b>MB89567APFV-GS-248</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80QFP<br/>In stock: 5916 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MB89567APFV-GS-237-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80LQFP<br/>In stock: 5208 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MB89567APFV-GS-243-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80QFP<br/>In stock: 2718 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB89567APF-G-197-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80QFP<br/>In stock: 7086 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MB89567APFV-GS-256E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80LQFP<br/>In stock: 3843 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB89567APFV-GS-271E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80LQFP<br/>In stock: 5608 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MB89567APMC1-G-343E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80LQFP<br/>In stock: 4686 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MB89601RPMC-G-167-JNE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB MROM 48LQFP<br/>In stock: 4027 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MB89567APFV-GS-242-BND</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80QFP<br/>In stock: 5367 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB89567APFV-GS-255E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80LQFP<br/>In stock: 5696 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MB89567APF-G-181-BNDE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80QFP<br/>In stock: 6088 pcs</div> <div>RFQ</div> | <div></div> <div><b>MB89567APMC1-G-334E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 32KB MROM 80LQFP<br/>In stock: 3201 pcs</div> <div>RFQ</div>   |