

MB90427GCPFV-GS-160



Part Number: [MB90427GCPFV-GS-160](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 16BIT 64KB MROM 100LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

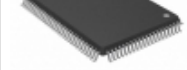
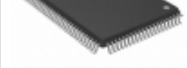
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MB90427GCPFV-GS-160                       | Manufacturer                   | <a href="#">Cypress Semiconductor</a>                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 64KB MROM 100LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6522 pcs                                  | Data sheet                     |                                                                                                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100-LQFP (14x14)                          | Speed                          | 16MHz                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | F <sup>2</sup> MC-16LX MB90425G (A)       | RAM Size                       | 4K x 8                                                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Mask ROM                                  | Program Memory Size            | 64KB (64K x 8)                                                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LCD, POR, PWM, WDT                        | Packaging                      | Tray                                                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 100-LQFP                                  | Oscillator Type                | External                                                                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C (TA)                        | Number of I/O                  | 58                                                                                                                                  |
| 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 MB90425G (A) Microcontroller IC 16-Bit 16MHz 64KB (64K x 8) Mask ROM 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 8x8/10b                               | Core Size                      | 16-Bit                                                                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                             | F <sup>2</sup> MC-16LX                    | Connectivity                   | CANbus, UART/USART                                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Cypress Semiconductor series electronic components. We have 6522 pieces of Cypress Semiconductor MB90427GCPFV-GS-160 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="#">MB90427GCPFV-GS-509</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GAVPMC-GS-528E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GAVPMC-GS-514E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-513E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GAVPMC-GS-538E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-151-BND</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GAVPMC-GS-530E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-166</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPF-GS-207E1</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GAVPFV-GS-514E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-505</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-522E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPF-GS-169</a><br>Description: IC MCU 16BIT 64KB MROM 100QFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-508E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-520E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-G-137-BND</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GAVPMC-GS-534E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-515E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-220</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB90427GCPFV-GS-512E1</a><br>Description: IC MCU 16BIT 64KB MROM 100LQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

Related keywords for MB90427GCPFV-GS-160

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