

MB90351ESPMC-GS-151E1





Part Number:

MB90351ESPMC-GS-151E1

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 16BIT 64KB MROM 64LQFP

Data sheet:

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

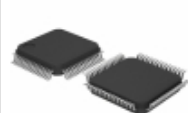
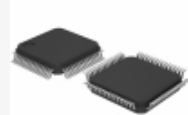
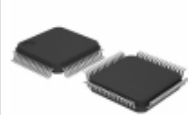
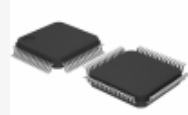
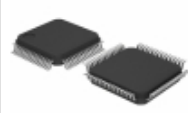
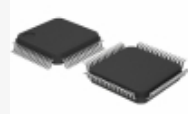
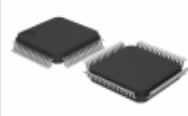
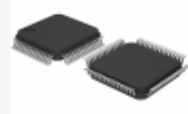
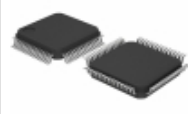
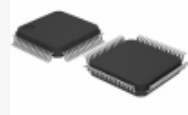
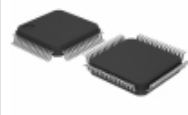
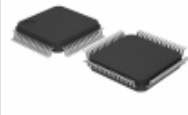
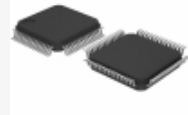
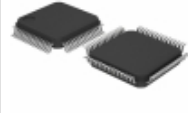
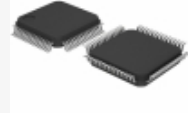
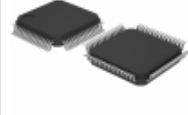
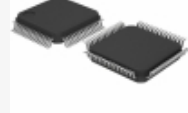
Shipment Way:

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |                                  |                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | MB90351ESPMC-GS-151E1           | Manufacturer                     | Cypress Semiconductor                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 64KB MROM 64LQFP   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 16707 pcs                       | Data sheet                       |                                                                                                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | Integrated Circuits (ICs)       | Voltage - Supply (Vcc/Vdd)       | 3.5 V ~ 5.5 V                                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                        | 64-LQFP (12x12)                 | Speed                            | 24MHz                                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | F <sup>2</sup> MC-16LX MB90350E | RAM Size                         | 4K x 8                                                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                            | Mask ROM                        | Program Memory Size              | 64KB (64K x 8)                                                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                    | DMA, LVD, POR, WDT              | Packaging                        | Tray                                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                 | 64-LQFP                         | Other Names                      | CY90351ESPMC-GS-151E1                                                                                                          |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                | Internal                        | Operating Temperature            | -40°C ~ 125°C (TA)                                                                                                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                  | 51                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                | 22 Weeks                        | 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 MB90350E Microcontroller IC 16-Bit 24MHz 64KB (64K x 8) Mask ROM 64-LQFP (12x12) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 15x8/10b                    | Core Size                        | 16-Bit                                                                                                                         |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                 | F <sup>2</sup> MC-16LX          | Connectivity                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, UART/USART                                                                          |
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|  | Part#: MB90351ESPMC-GS-170E1<br>Description: IC MCU 16BIT 64KB MROM 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90351ESPMC-GS-138E1<br>Description: IC MCU 16BIT 64KB MROM 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB90351ESPMC-GS-141E1<br>Description: IC MCU 16BIT 64KB MROM 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |
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|  | Part#: MB90351ESPMC-GS-153E1<br>Description: IC MCU 16BIT 64KB MROM 64LQFP | Manufacturers: Cypress Semiconductor | RFQ |

Related keywords for MB90351ESPMC-GS-151E1

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