

MB91F469QAPB-GSK6E1





Part Number:

MB91F469QAPB-GSK6E1

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 32BIT 2MB FLASH 320BGA

Data sheet:

 [MB91460Q Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

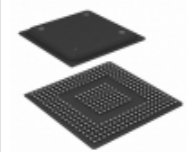
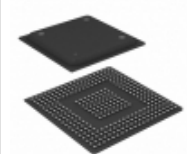
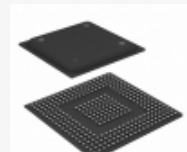
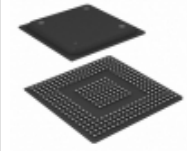
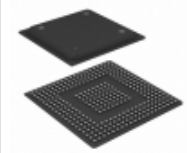
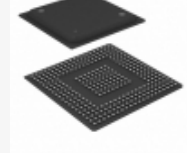
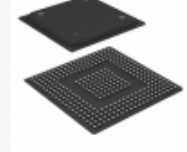
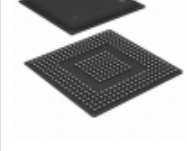
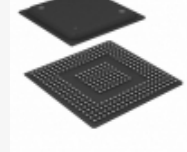
Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                     |                                  |                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MB91F469QAPB-GSK6E1                                                                                 | Manufacturer                     | <a href="#">Cypress Semiconductor</a>     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 32BIT 2MB FLASH 320BGA                                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3587 pcs                                                                                            | Data sheet                       | <a href="#">MB91460Q Series</a>           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                                           | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 5.5 V                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 320-BGA (27x27)                                                                                     | Speed                            | 100MHz                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FR MB91460Q                                                                                         | RAM Size                         | 112K x 8                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                                                                               | Program Memory Size              | 2.0625MB (2.0625M x 8)                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DMA, LVD, PWM, WDT                                                                                  | Packaging                        | Tray                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 320-BBGA                                                                                            | Other Names                      | MB91F469QAPB-GSE1<br>MB91F469QAPB-GSE1-ND |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                            | External                                                                                            | Operating Temperature            | -40°C ~ 105°C (TA)                        |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 205                                                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                                                          | EEPROM Size                      | -                                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FR60 RISC FR MB91460Q Microcontroller IC 32-Bit 100MHz 2.0625MB (2.0625M x 8) FLASH 320-BGA (27x27) | Data Converters                  | A/D 40x10b                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32-Bit                                                                                              | Core Processor                   | FR60 RISC                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, UART/USART                                               |                                  |                                           |
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| RELATED PRODUCTS                                                                   |                                                                                                  |                                                      |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">MB91F479PMC1-G-N2E1</a><br>Description: IC MCU 32BIT 512KB FLASH              | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F479PMC1-GE1</a><br>Description: IC MCU 32BIT 512KB FLASH 144LQFP         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469GGBP-GSER-270571</a><br>Description: IC MCU 32BIT 2.112MB FLSH 320BGA | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F487PMC-G-N2E1</a><br>Description: IC MCU 32BIT 512KB FLASH               | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469GGBP-GS-N2K6E1</a><br>Description: IC MCU 32BIT 2.112MB FLSH 320BGA   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F482PMC-GE1</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP          | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F479TPMC1-G-N9-YE1</a><br>Description: IC MICROCONTROLLER                 | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F482PMC-G-N9E1</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F482PMC-G-N2E1</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469GGBP-GSER-270574</a><br>Description: IC MCU 32BIT 2.112MB FLSH 320BGA | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469GGBP-GSER-270573</a><br>Description: IC MCU 32BIT 2.112MB FLSH 320BGA | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F482PMC-G-N9-YE1</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469GGBP-GSER-270570</a><br>Description: IC MCU 32BIT 2.112MB FLSH 320BGA | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469GGBP-GS-N2-K6</a><br>Description: IC MCU 32BIT 2.112MB FLSH 320BGA    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F479PMC1-G-N9-YE1</a><br>Description: IC MCU 32BIT 512KB FLASH            | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469GGBP-GS-K6</a><br>Description: IC MCU 32BIT 2.112MB FLSH 320BGA       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469GGBP-GSER-270572</a><br>Description: IC MCU 32BIT 2.112MB FLSH 320BGA | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469QAHPB-GS-N2K6E1</a><br>Description: IC MCU 32BIT 2MB FLASH 320BGA     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F475PMC1-G-N2E1</a><br>Description: IC MCU 32BIT 256KB FLASH 144LQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MB91F469QAHPB-GSK6E1</a><br>Description: IC MCU 32BIT 2MB FLASH 320BGA        | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

|                                           |                                                |                              |                           |
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