



MB91F465CAPMC-GS-N2K5E2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB91F465CAPMC-GS-N2K5E2                                                                                      |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 32BIT 544KB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

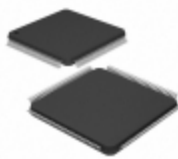
Specifications of MB91F465CAPMC-GS-N2K5E2

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB91F465CAPMC-GS-N2K5E2                                                                        |
| MANUFACTURER                     | Cypress Semiconductor                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 544KB FLASH 144LQFP                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| DATA SHEET                       |                                                                                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                               |
| SPEED                            | 100MHz                                                                                         |
| SERIES                           | FR MB91460C                                                                                    |
| RAM SIZE                         | 40K x 8                                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                                          |
| PROGRAM MEMORY SIZE              | 544KB (544K x 8)                                                                               |
| PERIPHERALS                      | DMA, LVD, WDT                                                                                  |
| PACKAGING                        | Tray                                                                                           |
| PACKAGE / CASE                   | 144-LQFP                                                                                       |
| OTHER NAMES                      | MB91F465CAPMC-GS-N2E2<br>MB91F465CAPMC-GS-N2E2-ND                                              |
| OSCILLATOR TYPE                  | External                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                             |
| NUMBER OF I/O                    | 104                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| EEPROM SIZE                      | -                                                                                              |
| DETAILED DESCRIPTION             | FR60 RISC FR MB91460C Microcontroller IC 32-Bit 100MHz 544KB (544K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 30x10b                                                                                     |
| CORE SIZE                        | 32-Bit                                                                                         |
| CORE PROCESSOR                   | FR60 RISC                                                                                      |
| CONNECTIVITY                     | CANbus, I²C, LINbus, UART/USART                                                                |

Related Tags

|                                               |                                                    |                                                   |
|-----------------------------------------------|----------------------------------------------------|---------------------------------------------------|
| Cypress Semiconductor MB91F465CAPMC-GS-N2K5E2 | MB91F465CAPMC-GS-N2K5E2 Distributor                | MB91F465CAPMC-GS-N2K5E2 Supplier                  |
| MB91F465CAPMC-GS-N2K5E2 Price                 | MB91F465CAPMC-GS-N2K5E2 Pictures                   | MB91F465CAPMC-GS-N2K5E2 Image                     |
| MB91F465CAPMC-GS-N2K5E2 PDF Datasheet         | MB91F465CAPMC-GS-N2K5E2 Download Datasheet         | MB91F465CAPMC-GS-N2K5E2 Datasheet                 |
| MB91F465CAPMC-GS-N2K5E2 Stock                 | Buy MB91F465CAPMC-GS-N2K5E2                        | Buy Cypress Semiconductor MB91F465CAPMC-GS-N2K5E2 |
| Cypress Semiconductor MB91F465CAPMC-GS-N2K5E2 | Cypress Semiconductor Supplier                     | Cypress Semiconductor Distributor                 |
| Cypress Semiconductor MB91F465CAPMC-GS-N2K5E2 | Cypress Semiconductor Corp MB91F465CAPMC-GS-N2K5E2 |                                                   |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MB91F465KBPMT-GS-N2E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB FLASH 120LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MB91F465DAPFVS-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB FLASH 208HQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MB91F465PAPMC-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB FLASH 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MB91F465BBPMC-GS-N2K5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB91F463NCPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>MB91F465CAPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB91F465DAPFVS-GSK5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB FLASH 208HQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MB91F465BBPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB FLASH 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MB91F463NCPMC-GS-P02E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 288KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MB91F465PAPMC-GS-N2K5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 544KB FLASH 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MB91F464ABPMCR-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 416KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MB91F464AAPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 416KB FLASH 100LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |