



Cypress Semiconductor



|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB96F338RSAPMC-GS-N2K5E2                                                                                     |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT 544KB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

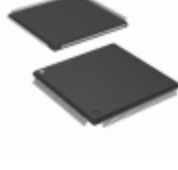
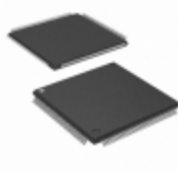
Specifications of MB96F338RSAPMC-GS-N2K5E2

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB96F338RSAPMC-GS-N2K5E2                                                                                                      |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 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                            | 48MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> MC-16FX MB96330                                                                                                |
| RAM SIZE                         | 32K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 544KB (544K x 8)                                                                                                              |
| PERIPHERALS                      | DMA, LVD, LVR, POR, PWM, WDT                                                                                                  |
| PACKAGING                        | Tray                                                                                                                          |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                      |
| OTHER NAMES                      | MB96F338RSAPMC-GS-N2E2<br>MB96F338RSAPMC-GS-N2E2-ND                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 124                                                                                                                           |
| 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-16FX F <sup>2</sup> MC-16FX MB96330 Microcontroller IC 16-Bit 48MHz 544KB (544K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 40x10b                                                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                                                        |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16FX                                                                                                        |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                    |

Related Tags

|                                                |                                                     |                                                    |
|------------------------------------------------|-----------------------------------------------------|----------------------------------------------------|
| Cypress Semiconductor MB96F338RSAPMC-GS-N2K5E2 | MB96F338RSAPMC-GS-N2K5E2 Distributor                | MB96F338RSAPMC-GS-N2K5E2 Supplier                  |
| MB96F338RSAPMC-GS-N2K5E2 Price                 | MB96F338RSAPMC-GS-N2K5E2 Pictures                   | MB96F338RSAPMC-GS-N2K5E2 Image                     |
| MB96F338RSAPMC-GS-N2K5E2 PDF Datasheet         | MB96F338RSAPMC-GS-N2K5E2 Download Datasheet         | MB96F338RSAPMC-GS-N2K5E2 Datasheet                 |
| MB96F338RSAPMC-GS-N2K5E2 Stock                 | Buy MB96F338RSAPMC-GS-N2K5E2                        | Buy Cypress Semiconductor MB96F338RSAPMC-GS-N2K5E2 |
| Cypress Semiconductor MB96F338RSAPMC-GS-N2K5E2 | Cypress Semiconductor Supplier                      | Cypress Semiconductor Distributor                  |
| Cypress Semiconductor MB96F338RSAPMC-GS-N2K5E2 | Cypress Semiconductor Corp MB96F338RSAPMC-GS-N2K5E2 |                                                    |

Related Products

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|  <div><b>MB96F336UWAPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MB96F336UWAPMC-GK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MB96F338RWAPMC-GK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MB96F338RSAPMCR-GK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB96F338RWAPMC-G-N2K5E1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MB96F336USAPMC-GSK5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB96F338RSAPMCR-G-N2K5E2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 544KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MB96F336USAPMC-GSE2</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 288KB FLASH 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |
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