



Cypress Semiconductor



MB90F345CASPFR-GS-N2E1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB90F345CASPFR-GS-N2E1                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC MCU 16BIT                                                                                                 |
| Datasheets:         |  MB90F345CASPFR-GS-N2E1.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

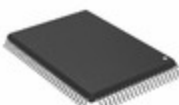
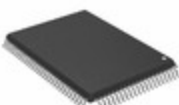
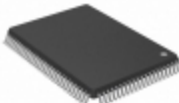
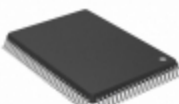
Specifications of MB90F345CASPFR-GS-N2E1

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB90F345CASPFR-GS-N2E1                                                                                                        |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| DATA SHEET                       |  MB90F345CASPFR-GS-N2E1.pdf                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.5 V ~ 5.5 V                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 100-PQFP (20x14)                                                                                                              |
| SPEED                            | 24MHz                                                                                                                         |
| SERIES                           | F <sup>2</sup> MC-16LX MB90340                                                                                                |
| RAM SIZE                         | 20K x 8                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                         |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                                              |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                          |
| PACKAGE / CASE                   | 100-BQFP                                                                                                                      |
| OTHER NAMES                      | 428-4361<br>CY90F345CASPFR-GSE1                                                                                               |
| OSCILLATOR TYPE                  | External                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 82                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 25 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 MB90340 Microcontroller IC 16-Bit 24MHz 512KB (512K x 8) FLASH 100-PQFP (20x14) |
| DATA CONVERTERS                  | A/D 24x8/10b                                                                                                                  |
| CORE SIZE                        | 16-Bit                                                                                                                        |
| CORE PROCESSOR                   | F <sup>2</sup> MC-16LX                                                                                                        |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART                                                                    |

Related Tags

|                                              |                                                   |                                                  |
|----------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| Cypress Semiconductor MB90F345CASPFR-GS-N2E1 | MB90F345CASPFR-GS-N2E1 Distributor                | MB90F345CASPFR-GS-N2E1 Supplier                  |
| MB90F345CASPFR-GS-N2E1 Price                 | MB90F345CASPFR-GS-N2E1 Pictures                   | MB90F345CASPFR-GS-N2E1 Image                     |
| MB90F345CASPFR-GS-N2E1 PDF Datasheet         | MB90F345CASPFR-GS-N2E1 Download Datasheet         | MB90F345CASPFR-GS-N2E1 Datasheet                 |
| MB90F345CASPFR-GS-N2E1 Stock                 | Buy MB90F345CASPFR-GS-N2E1                        | Buy Cypress Semiconductor MB90F345CASPFR-GS-N2E1 |
| Cypress Semiconductor MB90F345CASPFR-GS-N2E1 | Cypress Semiconductor Supplier                    | Cypress Semiconductor Distributor                |
| Cypress Semiconductor MB90F345CASPFR-GS-N2E1 | Cypress Semiconductor Corp MB90F345CASPFR-GS-N2E1 |                                                  |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                        |
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|  <div><b>MB90F345CASPFR-GS-SPE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT<br/>In stock: 66 pcs<br/>RFQ</div>                     |  <div><b>MB90F345CASPFR-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT<br/>In stock: Out stock<br/>RFQ</div>                       |
|  <div><b>MB90F345CAPFR-GS-SPE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT<br/>In stock: 92 pcs<br/>RFQ</div>                      |  <div><b>MB90F345CAPMC-GS-SPE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MB90F345CASPFR-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100QFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MB90F345CAPMC-GS</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>      |
|  <div><b>MB90F345CAPMC-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MB90F345CAPMC-G</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>       |
|  <div><b>MB90F345CAPMC-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100LQFP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MB90F345CAPFR-GSE1</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 16BIT 512KB FLASH 100QFP<br/>In stock: Out stock<br/>RFQ</div>     |
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