



Cypress Semiconductor



Image may be representation. See specifications for product details.

**MB9BF617TPMC-GK7E1**

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MB9BF617TPMC-GK7E1                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                    |
| Product description | IC MCU 32BIT 768KB FLASH 176LQFP                                                                                         |
| Datasheets:         |  <a href="#">MB9BF617TPMC-GK7E1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant             |
| Stock Condition     | 6435 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

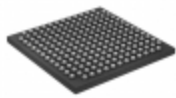
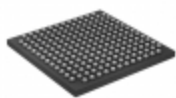
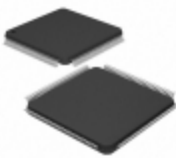
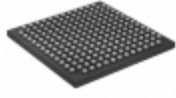
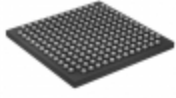
Specifications of MB9BF617TPMC-GK7E1

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MB9BF617TPMC-GK7E1                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 768KB FLASH 176LQFP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| QUANTITY AVAILABLE               | 6435 pcs                                                                                                                   |
| DATA SHEET                       |  <a href="#">MB9BF617TPMC-GK7E1.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                                           |
| SPEED                            | 144MHz                                                                                                                     |
| SERIES                           | FM3 MB9B610T                                                                                                               |
| RAM SIZE                         | 96K x 8                                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                      |
| PROGRAM MEMORY SIZE              | 768KB (768K x 8)                                                                                                           |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                    |
| PACKAGING                        | Tray                                                                                                                       |
| PACKAGE / CASE                   | 176-LQFP                                                                                                                   |
| OTHER NAMES                      | MB9BF617TPMC-GE1<br>MB9BF617TPMC-GE1-ND                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                          |
| NUMBER OF I/O                    | 154                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                          |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 FM3 MB9B610T Microcontroller IC 32-Bit 144MHz 768KB (768K x 8) FLASH 176-LQFP (24x24)                      |
| DATA CONVERTERS                  | A/D 32x12b                                                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                                     |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                            |
| CONNECTIVITY                     | CSIO, EBI/EMI, Ethernet, I²C, LINbus, SD, UART/USART, USB                                                                  |

Related Tags

|                                          |                                               |                                              |
|------------------------------------------|-----------------------------------------------|----------------------------------------------|
| Cypress Semiconductor MB9BF617TPMC-GK7E1 | MB9BF617TPMC-GK7E1 Distributor                | MB9BF617TPMC-GK7E1 Supplier                  |
| MB9BF617TPMC-GK7E1 Price                 | MB9BF617TPMC-GK7E1 Pictures                   | MB9BF617TPMC-GK7E1 Image                     |
| MB9BF617TPMC-GK7E1 PDF Datasheet         | MB9BF617TPMC-GK7E1 Download Datasheet         | MB9BF617TPMC-GK7E1 Datasheet                 |
| MB9BF617TPMC-GK7E1 Stock                 | Buy MB9BF617TPMC-GK7E1                        | Buy Cypress Semiconductor MB9BF617TPMC-GK7E1 |
| Cypress Semiconductor MB9BF617TPMC-GK7E1 | Cypress Semiconductor Supplier                | Cypress Semiconductor Distributor            |
| Cypress Semiconductor MB9BF617TPMC-GK7E1 | Cypress Semiconductor Corp MB9BF617TPMC-GK7E1 |                                              |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
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|  <div> <b>MB9BF616SPMC-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/> In stock: 7720 pcs </div> <div>RFQ</div> |  <div> <b>MB9BF616TPMC-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 512KB FLASH 176LQFP<br/> In stock: 5778 pcs </div> <div>RFQ</div> |
|  <div> <b>MB9BFD16SPMC-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/> In stock: 6924 pcs </div> <div>RFQ</div> |  <div> <b>MB9BF618TPMC-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/> In stock: 7186 pcs </div> <div>RFQ</div>   |
|  <div> <b>MB9BF617SPMC-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 768KB FLASH 144LQFP<br/> In stock: 6778 pcs </div> <div>RFQ</div> |  <div> <b>MB9BFD16TPMC-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 512KB FLASH 176LQFP<br/> In stock: 6084 pcs </div> <div>RFQ</div> |
|  <div> <b>MB9BF616TBGL-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 512KB FLASH 192BGA<br/> In stock: 6539 pcs </div> <div>RFQ</div>  |  <div> <b>MB9BF618SPMC-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/> In stock: 6365 pcs </div> <div>RFQ</div>   |
|  <div> <b>MB9BF617TBGL-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 768KB FLASH 192BGA<br/> In stock: 6001 pcs </div> <div>RFQ</div>  |  <div> <b>MB9BF568RPMC-G-JNE2</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 1MB FLASH 120LQFP<br/> In stock: 5590 pcs </div> <div>RFQ</div>  |
|  <div> <b>MB9BFD16TBGL-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 512KB FLASH 192BGA<br/> In stock: 7695 pcs </div> <div>RFQ</div>  |  <div> <b>MB9BF618TBGL-GK7E1</b><br/> Manufacturers: Cypress Semiconductor<br/> Description: IC MCU 32BIT 1MB FLASH 192BGA<br/> In stock: 7698 pcs </div> <div>RFQ</div>    |