



TM4C123GH6ZRB17

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TM4C123GH6ZRB17                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 256KB FLASH 157BGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11818 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

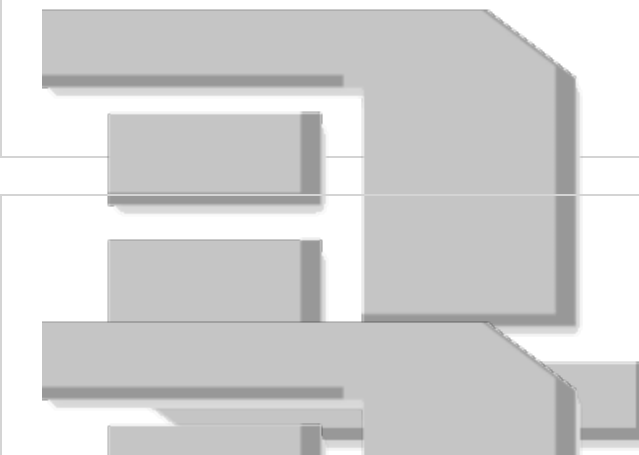
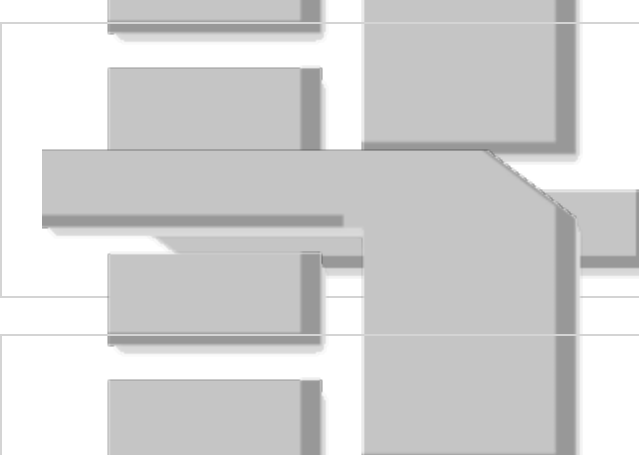
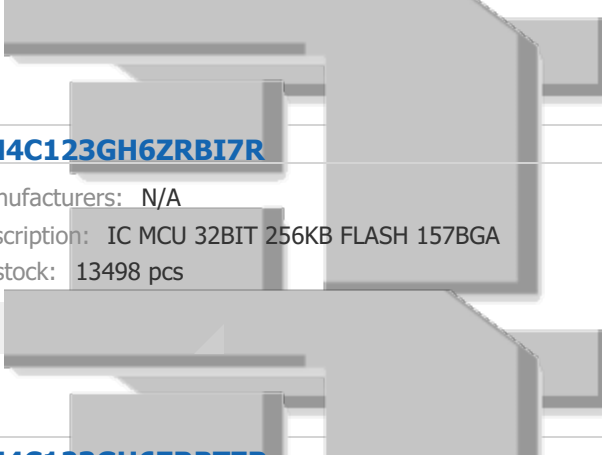
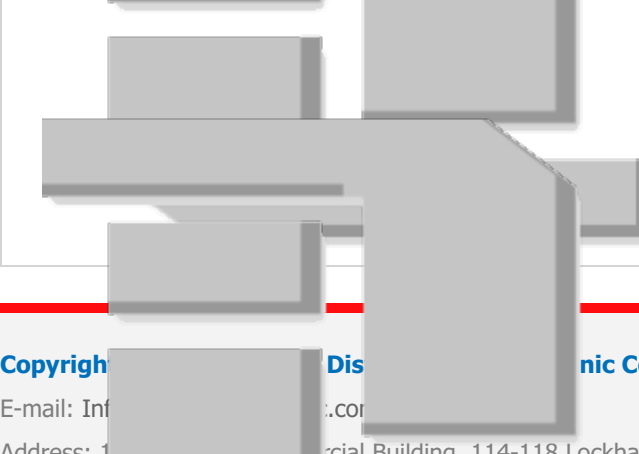
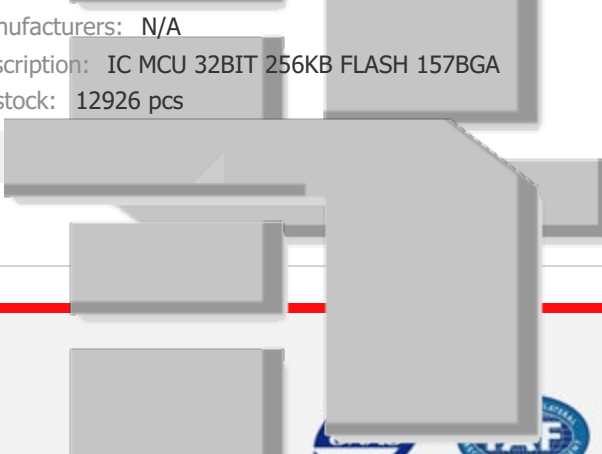
Specifications of TM4C123GH6ZRB17

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TM4C123GH6ZRB17                                                                                            |
| MANUFACTURER                     | N/A                                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 157BGA                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 11818 pcs                                                                                                  |
| DATA SHEET                       |                                                                                                            |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.08 V ~ 3.63 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 157-BGA MicroStar Jr (9x9)                                                                                 |
| SPEED                            | 80MHz                                                                                                      |
| SERIES                           | Tiva™ C                                                                                                    |
| RAM SIZE                         | 32K x 8                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                      |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motion PWM, POR, WDT                                                          |
| PACKAGING                        | Tray                                                                                                       |
| PACKAGE / CASE                   | 157-VFBGA                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                          |
| NUMBER OF I/O                    | 120                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| EEPROM SIZE                      | 2K x 8                                                                                                     |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4F Tiva™ C Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 157-BGA MicroStar Jr (9x9) |
| DATA CONVERTERS                  | A/D 24x12b                                                                                                 |
| CORE SIZE                        | 32-Bit                                                                                                     |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                                           |
| CONNECTIVITY                     | CANbus, I²C, IrDA, Microwire, QEI, SPI, SSI, UART/USART, USB OTG                                           |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| TM4C123GH6ZRB17               | TM4C123GH6ZRB17 Distributor        | TM4C123GH6ZRB17 Supplier  |
| TM4C123GH6ZRB17 Price         | TM4C123GH6ZRB17 Pictures           | TM4C123GH6ZRB17 Image     |
| TM4C123GH6ZRB17 PDF Datasheet | TM4C123GH6ZRB17 Download Datasheet | TM4C123GH6ZRB17 Datasheet |
| TM4C123GH6ZRB17 Stock         | Buy TM4C123GH6ZRB17                | Buy TM4C123GH6ZRB17       |
| TM4C123GH6ZRB17               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                              |                                                                                      |                                                                                                                                              |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>TM4C123GH6PZT7R</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 15353 pcs</p> <p>RFQ</p> |  | <p><b>TM4C123GH6PZIR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 14708 pcs</p> <p>RFQ</p>  |
|  | <p><b>TM4C123GH6ZRBIR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 157BGA<br/>In stock: 13475 pcs</p> <p>RFQ</p>  |  | <p><b>TM4C123GH6ZRBTR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 157BGA<br/>In stock: 13608 pcs</p> <p>RFQ</p>  |
|  | <p><b>TM4C123GH6ZRBT</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 157BGA<br/>In stock: 11825 pcs</p> <p>RFQ</p>   |  | <p><b>TM4C123GH6PZT</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 8502 pcs</p> <p>RFQ</p>    |
|  | <p><b>TM4C123GH6PZT7</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 9185 pcs</p> <p>RFQ</p>   |  | <p><b>TM4C123GH6ZRB17R</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 157BGA<br/>In stock: 13498 pcs</p> <p>RFQ</p> |
|  | <p><b>TM4C123GH6ZRB17</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 157BGA<br/>In stock: 8665 pcs</p> <p>RFQ</p>   |  | <p><b>TM4C123GH6ZRB17R</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 157BGA<br/>In stock: 12926 pcs</p> <p>RFQ</p> |
|  | <p><b>TM4C123GH6ZRB1</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 157BGA<br/>In stock: 8291 pcs</p> <p>RFQ</p>    |  | <p><b>TM4C123GH6PZTR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 13031 pcs</p> <p>RFQ</p>  |

