



### TM4C123FH6PMTR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TM4C123FH6PMTR                                                                                               |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 256KB FLASH 64LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 13491 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

#### Specifications of TM4C123FH6PMTR

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TM4C123FH6PMTR                                                                                  |
| MANUFACTURER                     | N/A                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64LQFP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 13491 pcs                                                                                       |
| DATA SHEET                       |                                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.08 V ~ 3.63 V                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                 |
| 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                        | Tape & Reel (TR)                                                                                |
| PACKAGE / CASE                   | 64-LQFP                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                              |
| NUMBER OF I/O                    | 43                                                                                              |
| 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 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 12x12b                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                          |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                                |
| CONNECTIVITY                     | CANbus, I²C, IrDA, Microwire, QEI, SPI, SSI, UART/USART, USB OTG                                |
| BASE PART NUMBER                 | TM4C123                                                                                         |

#### Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| TM4C123FH6PMTR               | TM4C123FH6PMTR Distributor        | TM4C123FH6PMTR Supplier  |
| TM4C123FH6PMTR Price         | TM4C123FH6PMTR Pictures           | TM4C123FH6PMTR Image     |
| TM4C123FH6PMTR PDF Datasheet | TM4C123FH6PMTR Download Datasheet | TM4C123FH6PMTR Datasheet |
| TM4C123FH6PMTR Stock         | Buy TM4C123FH6PMTR                | Buy TM4C123FH6PMTR       |
| TM4C123FH6PMTR               | Supplier                          | Distributor              |

#### Related Products

|                                                                                    |                                                                                                                                       |                                                                                      |                                                                                                                                       |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>TM4C123GE6PMI7</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 14059 pcs<br><div>RFQ</div>  |  | <b>TM4C123GE6PMI</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 12519 pcs<br><div>RFQ</div>   |
|  | <b>TM4C123GE6PZI7</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 9994 pcs<br><div>RFQ</div>  |  | <b>TM4C123GE6PZI</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br>In stock: 9455 pcs<br><div>RFQ</div>   |
|  | <b>TM4C123FH6PMI7R</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 14252 pcs<br><div>RFQ</div> |  | <b>TM4C123GE6PMI7R</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 15293 pcs<br><div>RFQ</div> |
|  | <b>TM4C123FH6PMIR</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 16421 pcs<br><div>RFQ</div>  |  | <b>TM4C123FH6PMI7</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 8679 pcs<br><div>RFQ</div>   |
|  | <b>TM4C123GE6PMIR</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br>In stock: 17387 pcs<br><div>RFQ</div>  |  | <b>TM4C123FH6PMT7R</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 15346 pcs<br><div>RFQ</div> |
|  | <b>TM4C123FH6PMT</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 10118 pcs<br><div>RFQ</div>   |  | <b>TM4C123FH6PMT7</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br>In stock: 11940 pcs<br><div>RFQ</div>  |

