



TM4C1231D5PMTR

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | TM4C1231D5PMTR                 |
| Manufacturer/Brand: | N/A                            |
| Product description | IC MCU 32BIT 64KB FLASH 64LQFP |
| 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 TM4C1231D5PMTR

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | TM4C1231D5PMTR                                                                                |
| MANUFACTURER                     | N/A                                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64LQFP                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| 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                         | 24K x 8                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                         |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, 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)                                                                                 |
| MANUFACTURER STANDARD LEAD TIME  | 7 Weeks                                                                                       |
| 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 64KB (64K 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, SPI, SSI, UART/USART                                            |
| BASE PART NUMBER                 | TM4C1231                                                                                      |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| TM4C1231D5PMTR               | TM4C1231D5PMTR Distributor        | TM4C1231D5PMTR Supplier  |
| TM4C1231D5PMTR Price         | TM4C1231D5PMTR Pictures           | TM4C1231D5PMTR Image     |
| TM4C1231D5PMTR PDF Datasheet | TM4C1231D5PMTR Download Datasheet | TM4C1231D5PMTR Datasheet |
| TM4C1231D5PMTR Stock         | Buy TM4C1231D5PMTR                | Buy TM4C1231D5PMTR       |
| TM4C1231D5PMTR               | Supplier                          | Distributor              |

Related Products

|                                                                                                                                                      |                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TM4C1231D5PMIR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 26294 pcs<br/>RFQ</div>  | <div></div> <div><b>TM4C1231D5PMT7R</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 25865 pcs<br/>RFQ</div>  |
| <div></div> <div><b>TM4C1231D5PZIR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 20147 pcs<br/>RFQ</div> | <div></div> <div><b>TM4C1231D5PZI7R</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 22894 pcs<br/>RFQ</div> |
| <div></div> <div><b>TM4C1231E6PMI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 21992 pcs<br/>RFQ</div>  | <div></div> <div><b>TM4C1231D5PZI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 27138 pcs<br/>RFQ</div>   |
| <div></div> <div><b>TM4C1231D5PMT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 20191 pcs<br/>RFQ</div>   | <div></div> <div><b>TM4C1231D5PMI7R</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 24055 pcs<br/>RFQ</div>  |
| <div></div> <div><b>TM4C1231D5PMT7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 17094 pcs<br/>RFQ</div>  | <div></div> <div><b>TM4C1231D5PMI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 25461 pcs<br/>RFQ</div>    |
| <div></div> <div><b>TM4C1231D5PZI7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 17602 pcs<br/>RFQ</div> | <div></div> <div><b>TM4C1231E6PMI7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 19448 pcs<br/>RFQ</div>  |