



TM4C1231C3PMIR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TM4C1231C3PMIR                                                                                               |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 32KB FLASH 64LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 25578 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of TM4C1231C3PMIR

|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| PART NUMBER                      | TM4C1231C3PMIR                                                                                |
| MANUFACTURER                     | N/A                                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64LQFP                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                    |
| QUANTITY AVAILABLE               | 25578 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                         | 12K x 8                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                         |
| PROGRAM MEMORY SIZE              | 32KB (32K 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 ~ 85°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 32KB (32K 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

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| TM4C1231C3PMIR               | TM4C1231C3PMIR Distributor        | TM4C1231C3PMIR Supplier  |
| TM4C1231C3PMIR Price         | TM4C1231C3PMIR Pictures           | TM4C1231C3PMIR Image     |
| TM4C1231C3PMIR PDF Datasheet | TM4C1231C3PMIR Download Datasheet | TM4C1231C3PMIR Datasheet |
| TM4C1231C3PMIR Stock         | Buy TM4C1231C3PMIR                | Buy TM4C1231C3PMIR       |
| TM4C1231C3PMIR               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                             |                                                                                      |                                                                                                                                            |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>TM4C1230H6PMI7R</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 18981 pcs</p> <p>RFQ</p> |  | <p><b>TM4C1231D5PMT</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 16912 pcs</p> <p>RFQ</p>   |
|  | <p><b>TM4C1230H6PMI7</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 13895 pcs</p> <p>RFQ</p>  |  | <p><b>TM4C1231D5PMT7R</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 21689 pcs</p> <p>RFQ</p> |
|  | <p><b>TM4C1231D5PMI</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 12681 pcs</p> <p>RFQ</p>    |  | <p><b>TM4C1231D5PMI7R</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 26411 pcs</p> <p>RFQ</p> |
|  | <p><b>TM4C1230H6PMI</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 13049 pcs</p> <p>RFQ</p>   |  | <p><b>TM4C1231C3PMI7R</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: 27785 pcs</p> <p>RFQ</p> |
|  | <p><b>TM4C1231D5PMT7</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 15561 pcs</p> <p>RFQ</p>   |  | <p><b>TM4C1231D5PMIR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 27559 pcs</p> <p>RFQ</p>  |
|  | <p><b>TM4C1231C3PMI</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: 18275 pcs</p> <p>RFQ</p>    |  | <p><b>TM4C1230H6PMIR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 24502 pcs</p> <p>RFQ</p> |

