



TM4C1231H6PGEI7R

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | TM4C1231H6PGEI7R                 |
| Manufacturer/Brand: | N/A                              |
| Product description | IC MCU 32BIT 256KB FLASH 144LQFP |
| 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 TM4C1231H6PGEI7R

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TM4C1231H6PGEI7R                                                                                 |
| MANUFACTURER                     | N/A                                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144LQFP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| DATA SHEET                       |                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.08 V ~ 3.63 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                 |
| 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, POR, WDT                                                            |
| PACKAGING                        | Tube                                                                                             |
| PACKAGE / CASE                   | 144-LQFP                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                |
| NUMBER OF I/O                    | 105                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 26 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 256KB (256K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 24x12b                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, IrDA, Microwire, SPI, SSI, UART/USART                                               |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| TM4C1231H6PGEI7R               | TM4C1231H6PGEI7R Distributor        | TM4C1231H6PGEI7R Supplier  |
| TM4C1231H6PGEI7R Price         | TM4C1231H6PGEI7R Pictures           | TM4C1231H6PGEI7R Image     |
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| TM4C1231H6PGEI7R Stock         | Buy TM4C1231H6PGEI7R                | Buy TM4C1231H6PGEI7R       |
| TM4C1231H6PGEI7R               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                        |                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>TM4C1231H6PGEIR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 15145 pcs<br/>RFQ</div> | <div></div> <div><b>TM4C1231H6PMI7R</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 20776 pcs<br/>RFQ</div>  |
| <div></div> <div><b>TM4C1231H6PZI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 18605 pcs<br/>RFQ</div>   | <div></div> <div><b>TM4C1231H6PGEI7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 19622 pcs<br/>RFQ</div> |
| <div></div> <div><b>TM4C1231H6PMI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 23166 pcs<br/>RFQ</div>    | <div></div> <div><b>TM4C1231H6PGEI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 16529 pcs<br/>RFQ</div>  |
| <div></div> <div><b>TM4C1231E6PZI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 12492 pcs<br/>RFQ</div>   | <div></div> <div><b>TM4C1231E6PZIR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 23725 pcs<br/>RFQ</div>  |
| <div></div> <div><b>TM4C1231E6PZI7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 15756 pcs<br/>RFQ</div>  | <div></div> <div><b>TM4C1231H6PMIR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 16296 pcs<br/>RFQ</div>   |
| <div></div> <div><b>TM4C1231H6PMI7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 17707 pcs<br/>RFQ</div>   | <div></div> <div><b>TM4C1231E6PZI7R</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 18729 pcs<br/>RFQ</div> |

