



TM4C1231H6PGEI7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TM4C1231H6PGEI7                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 256KB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 10016 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

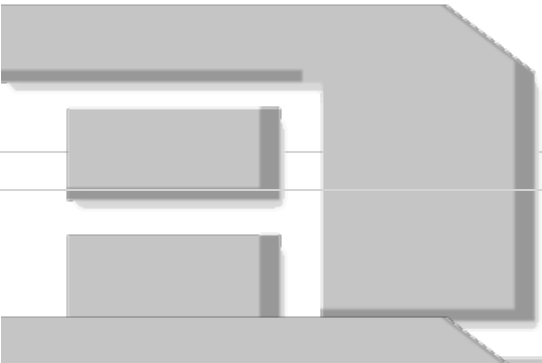
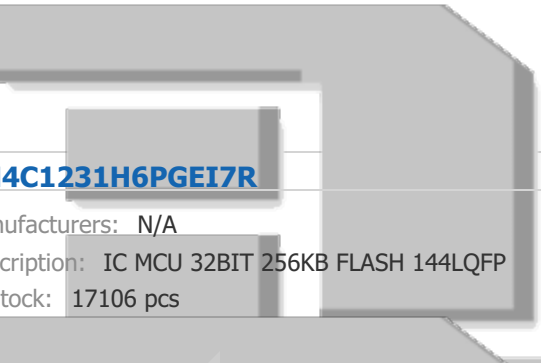
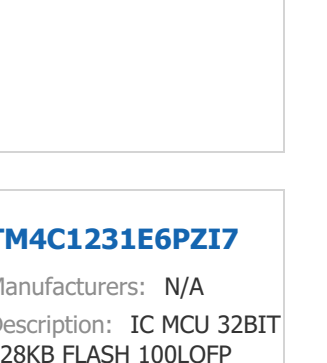
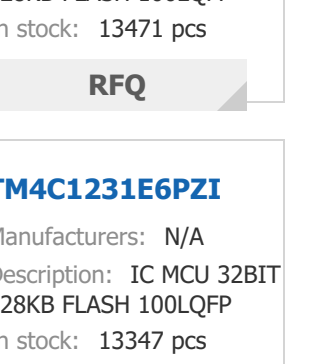
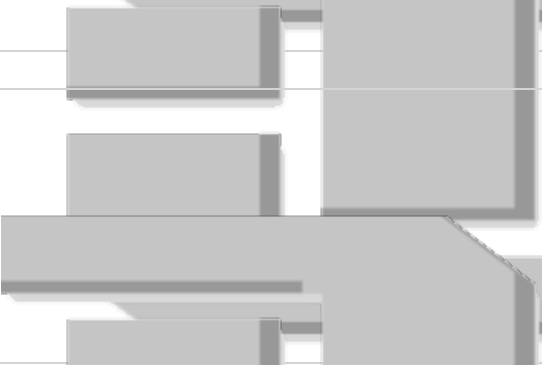
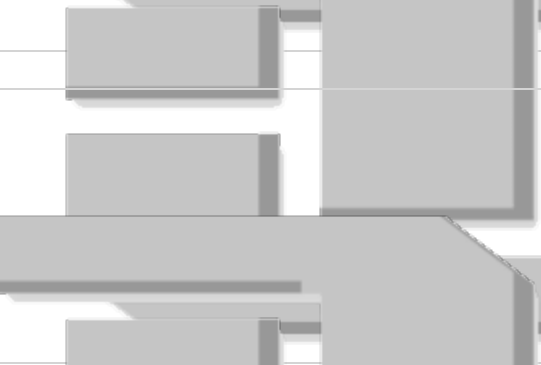
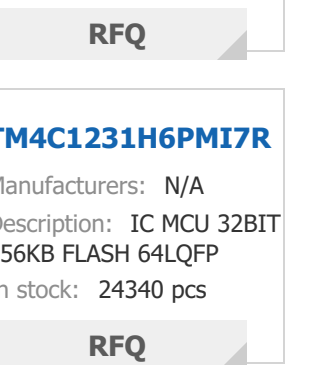
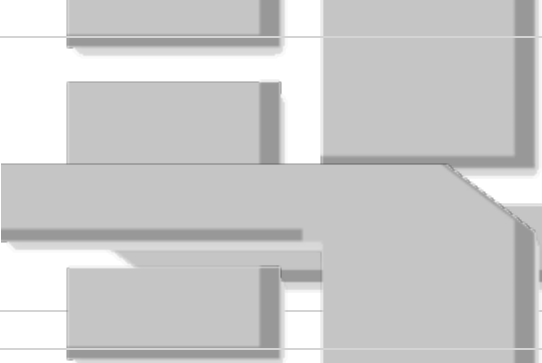
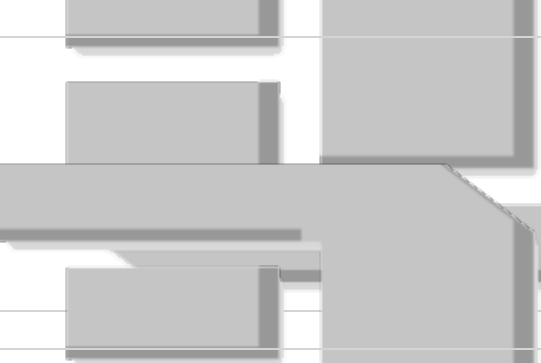
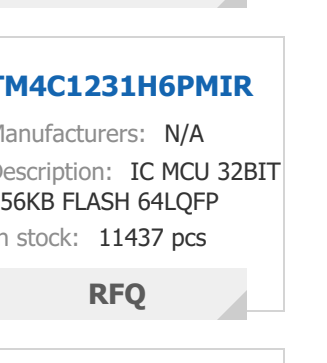
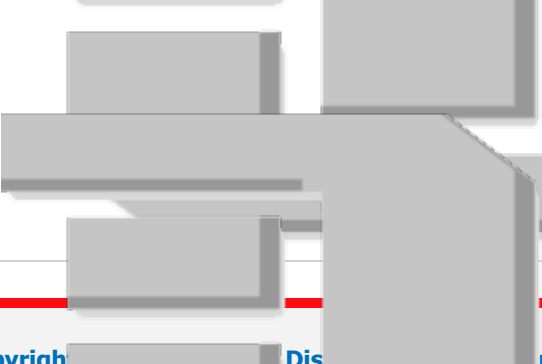
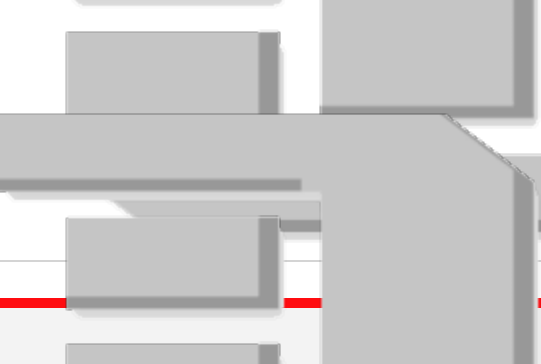
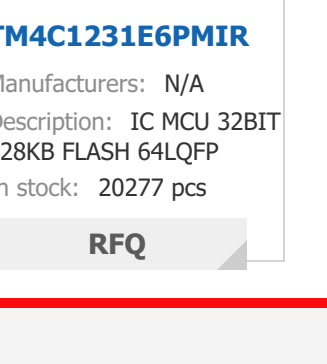
Specifications of TM4C1231H6PGEI7

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TM4C1231H6PGEI7                                                                                  |
| MANUFACTURER                     | N/A                                                                                              |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144LQFP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 10016 pcs                                                                                        |
| 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                                                                                         |
| OTHER NAMES                      | 296-45018-5<br>TM4C1231H6PGEI7-ND                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                |
| NUMBER OF I/O                    | 105                                                                                              |
| 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 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

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| TM4C1231H6PGEI7               | TM4C1231H6PGEI7 Distributor        | TM4C1231H6PGEI7 Supplier  |
| TM4C1231H6PGEI7 Price         | TM4C1231H6PGEI7 Pictures           | TM4C1231H6PGEI7 Image     |
| TM4C1231H6PGEI7 PDF Datasheet | TM4C1231H6PGEI7 Download Datasheet | TM4C1231H6PGEI7 Datasheet |
| TM4C1231H6PGEI7 Stock         | Buy TM4C1231H6PGEI7                | Buy TM4C1231H6PGEI7       |
| TM4C1231H6PGEI7               | Supplier                           | Distributor               |

Related Products

|                                                                                                                                                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>TM4C1231E6PZI7R</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 24109 pcs<br/>RFQ</div> |  <div><b>TM4C1231H6PGEI7R</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 17106 pcs</div>        |  <div><b>TM4C1231E6PZI7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 13471 pcs<br/>RFQ</div> |
|  <div><b>TM4C1231H6PGEI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 8739 pcs<br/>RFQ</div>   |  <div><b>TM4C1231H6PMI7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 18184 pcs<br/>RFQ</div>   |  <div><b>TM4C1231E6PZI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 13347 pcs<br/>RFQ</div>  |
|  <div><b>TM4C1231H6PMI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 13769 pcs<br/>RFQ</div>    |  <div><b>TM4C1231H6PGEI</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 16284 pcs<br/>RFQ</div>  |  <div><b>TM4C1231H6PMI7R</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 24340 pcs<br/>RFQ</div> |
|  <div><b>TM4C1231E6PZIR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 23341 pcs<br/>RFQ</div>  |  <div><b>TM4C1231H6PGEI7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 10016 pcs<br/>RFQ</div> |  <div><b>TM4C1231H6PMIR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 11437 pcs<br/>RFQ</div> |
|  <div><b>TM4C1231H6PGEIR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 16284 pcs<br/>RFQ</div> |  <div><b>TM4C1231H6PGEI7</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 10016 pcs<br/>RFQ</div> |  <div><b>TM4C1231E6PMIR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 11437 pcs<br/>RFQ</div> |