



TM4C1231E6PMI7R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TM4C1231E6PMI7R                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 128KB FLASH 64LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 21236 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

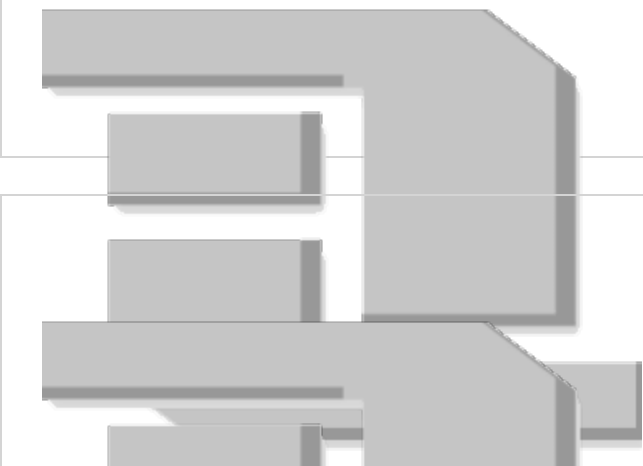
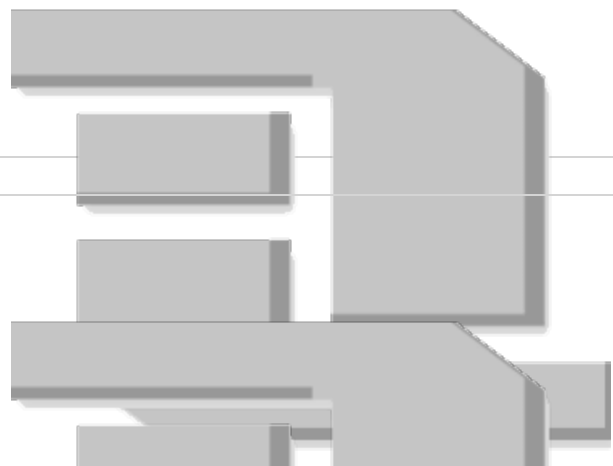
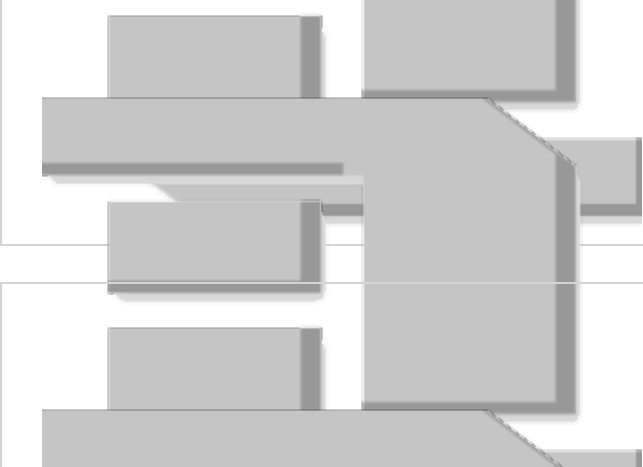
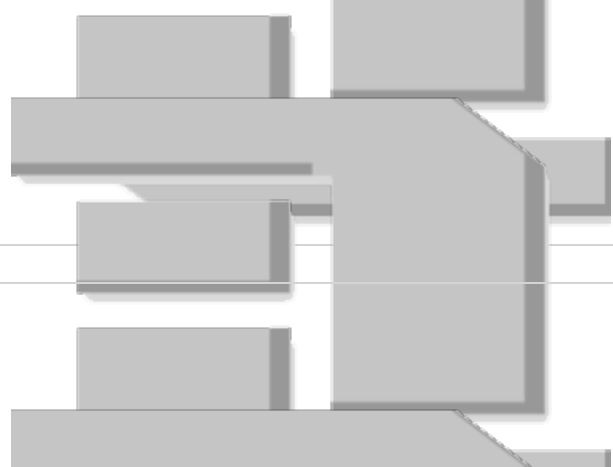
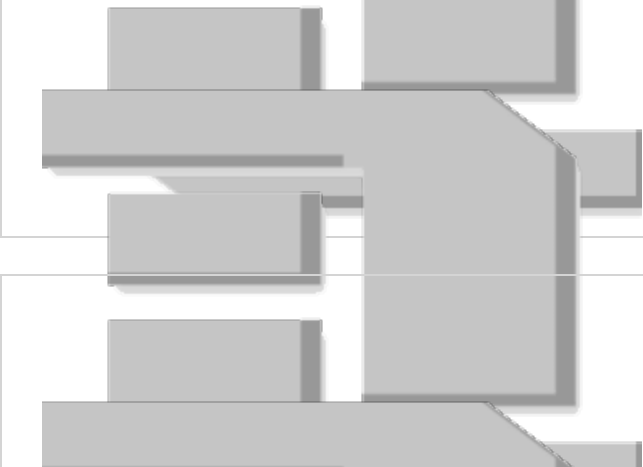
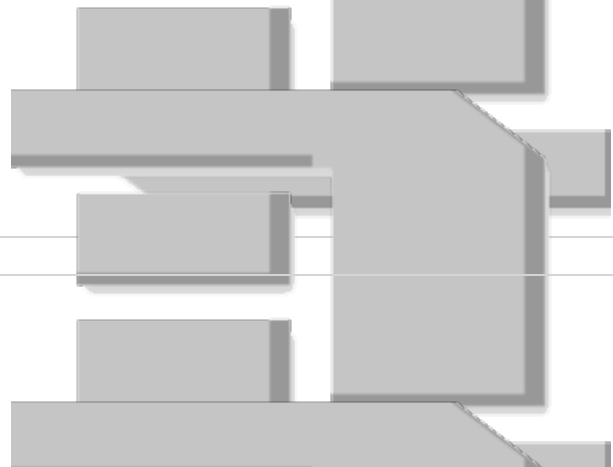
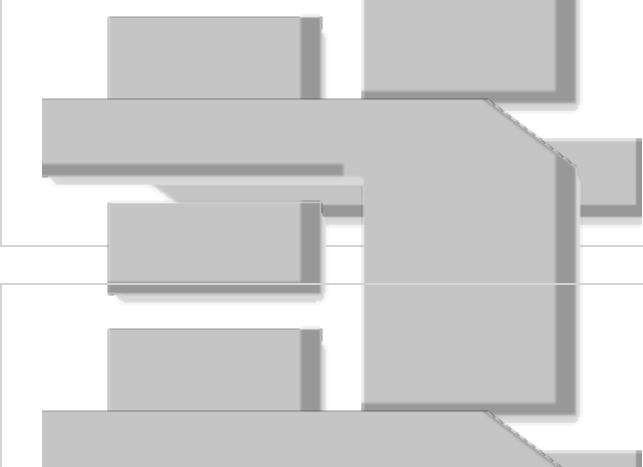
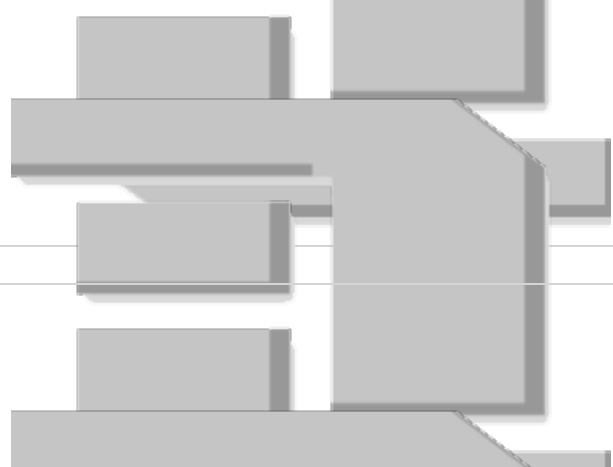
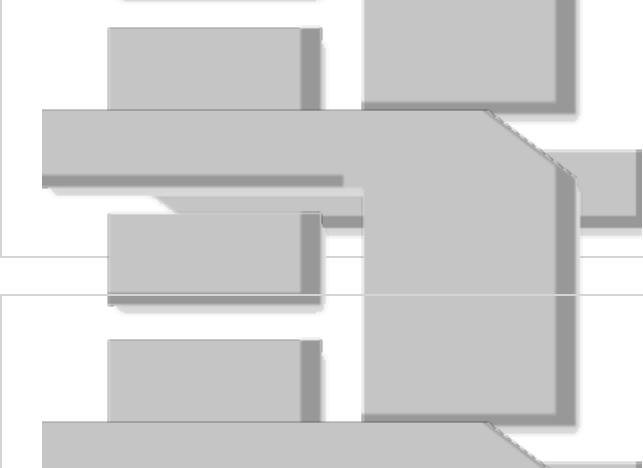
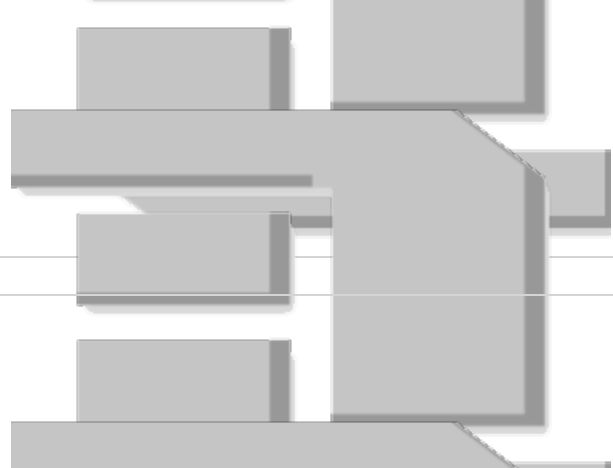
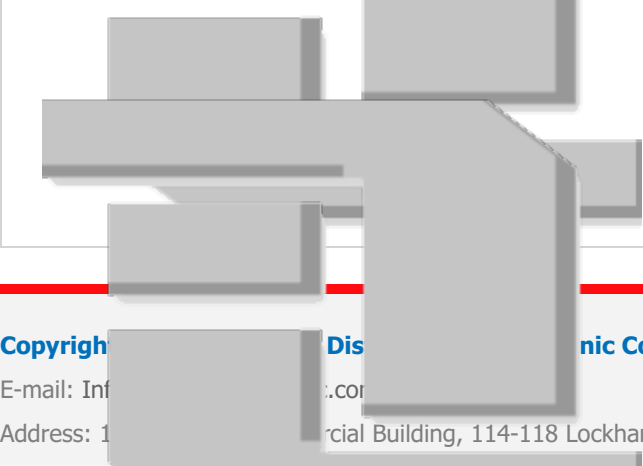
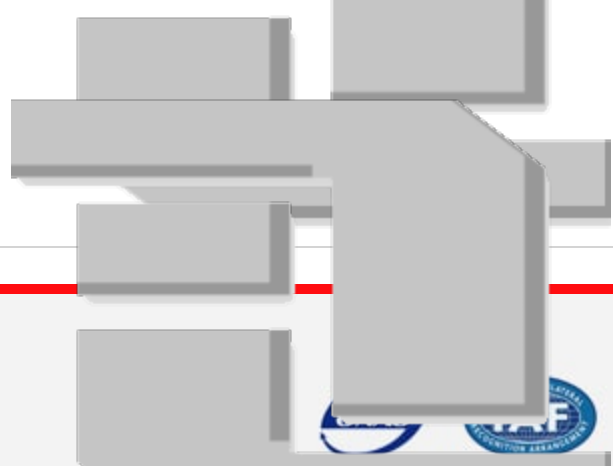
Specifications of TM4C1231E6PMI7R

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TM4C1231E6PMI7R                                                                                 |
| MANUFACTURER                     | N/A                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64LQFP                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 21236 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              | 128KB (128K 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 128KB (128K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 22x12b                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                          |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                                |
| CONNECTIVITY                     | CANbus, I²C, IrDA, Microwire, SPI, SSI, UART/USART                                              |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| TM4C1231E6PMI7R               | TM4C1231E6PMI7R Distributor        | TM4C1231E6PMI7R Supplier  |
| TM4C1231E6PMI7R Price         | TM4C1231E6PMI7R Pictures           | TM4C1231E6PMI7R Image     |
| TM4C1231E6PMI7R PDF Datasheet | TM4C1231E6PMI7R Download Datasheet | TM4C1231E6PMI7R Datasheet |
| TM4C1231E6PMI7R Stock         | Buy TM4C1231E6PMI7R                | Buy TM4C1231E6PMI7R       |
| TM4C1231E6PMI7R               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                             |                                                                                      |                                                                                                                                              |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>TM4C1231E6PMI</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 13992 pcs</p> <p>RFQ</p>   |  | <p><b>TM4C1231D5PZI</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 14143 pcs</p> <p>RFQ</p>    |
|  | <p><b>TM4C1231D5PZIR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 23495 pcs</p> <p>RFQ</p>  |  | <p><b>TM4C1231E6PMI7</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 16794 pcs</p> <p>RFQ</p>   |
|  | <p><b>TM4C1231E6PZIR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 23341 pcs</p> <p>RFQ</p> |  | <p><b>TM4C1231E6PMIR</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 20277 pcs</p> <p>RFQ</p>   |
|  | <p><b>TM4C1231D5PZI7R</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 21473 pcs</p> <p>RFQ</p> |  | <p><b>TM4C1231D5PZI7</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 16884 pcs</p> <p>RFQ</p>   |
|  | <p><b>TM4C1231E6PZI</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 13347 pcs</p> <p>RFQ</p>  |  | <p><b>TM4C1231E6PZI7R</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 24109 pcs</p> <p>RFQ</p> |
|  | <p><b>TM4C1231E6PZI7</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 13471 pcs</p> <p>RFQ</p> |  | <p><b>TM4C1231H6PGEI</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 8739 pcs</p> <p>RFQ</p>   |

