



LM3S812-IGZ50-C2T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S812-IGZ50-C2T                                                                                            |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 64KB FLASH 48VQFN                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 26341 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

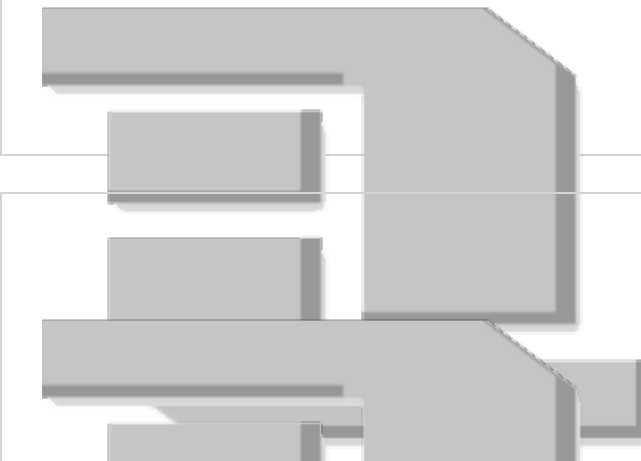
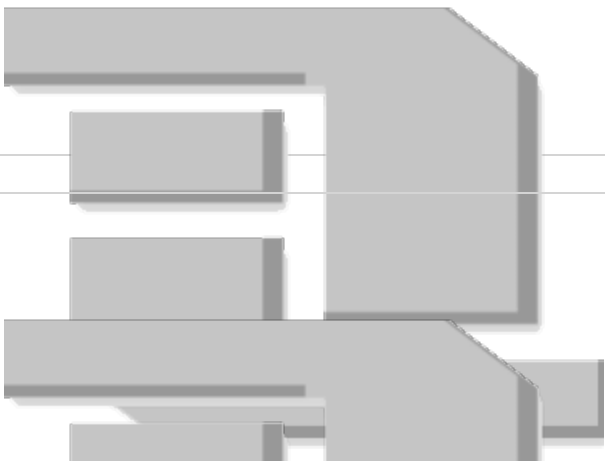
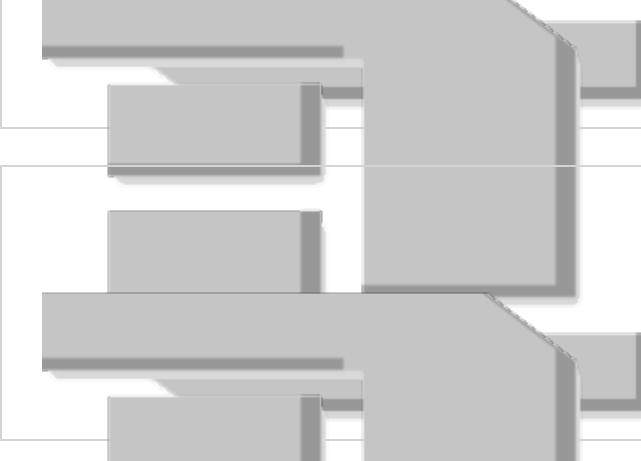
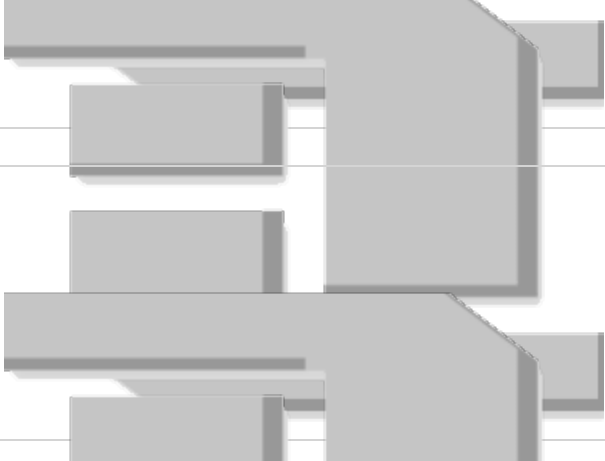
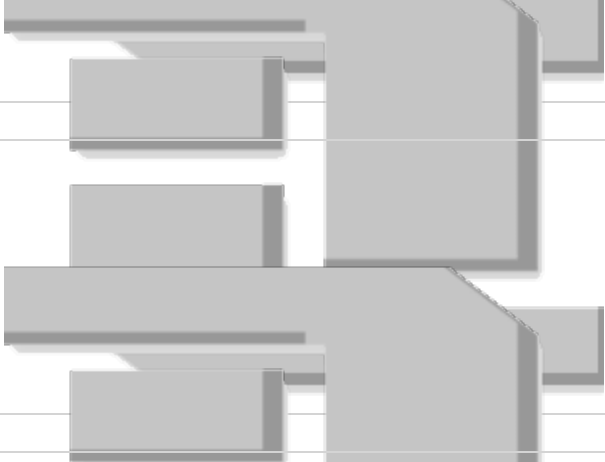
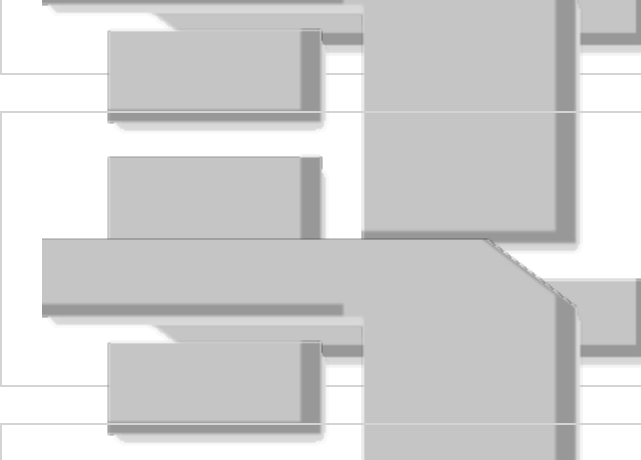
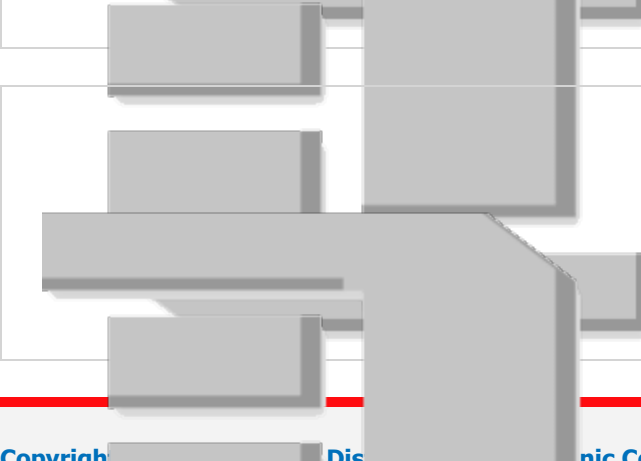
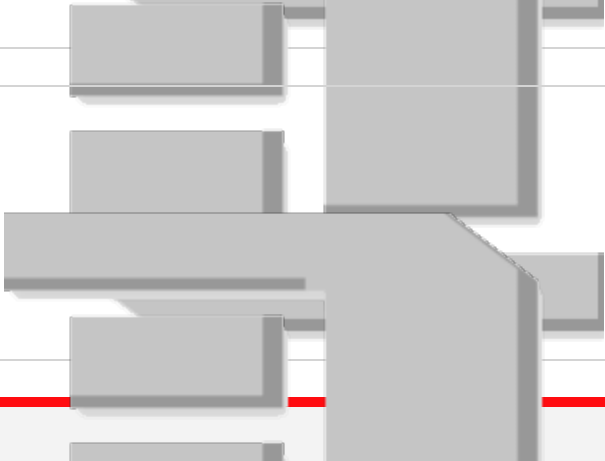
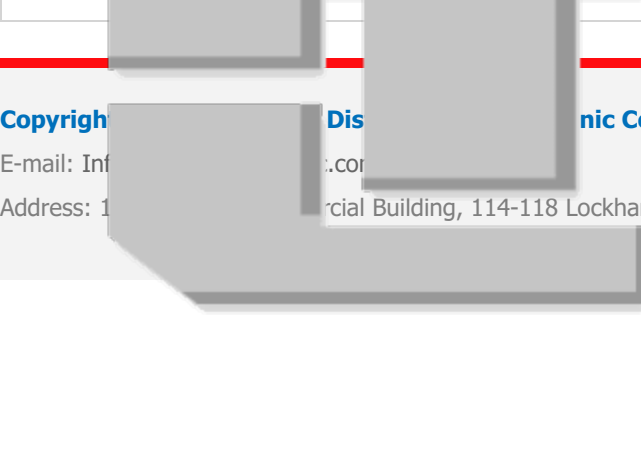
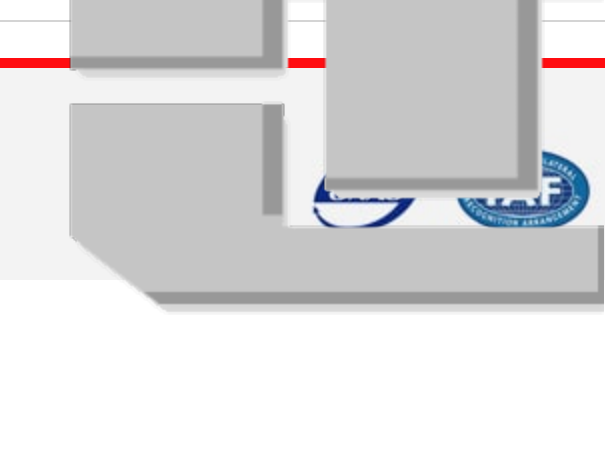
Specifications of LM3S812-IGZ50-C2T

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S812-IGZ50-C2T                                                                                                  |
| MANUFACTURER                     | N/A                                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 48VQFN                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 26341 pcs                                                                                                          |
| DATA SHEET                       |                                                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 48-VQFN (7x7)                                                                                                      |
| SPEED                            | 50MHz                                                                                                              |
| SERIES                           | Stellaris® ARM® Cortex®-M3S 800                                                                                    |
| RAM SIZE                         | 8K x 8                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                              |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                   |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                  |
| NUMBER OF I/O                    | 34                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| EEPROM SIZE                      | -                                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 Stellaris® ARM® Cortex®-M3S 800 Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 48-VQFN (7x7) |
| DATA CONVERTERS                  | A/D 2x10b                                                                                                          |
| CORE SIZE                        | 32-Bit                                                                                                             |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                    |
| CONNECTIVITY                     | I²C, Microwire, SPI, SSI, UART/USART                                                                               |
| BASE PART NUMBER                 | LM3S812                                                                                                            |

Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| LM3S812-IGZ50-C2T               | LM3S812-IGZ50-C2T Distributor        | LM3S812-IGZ50-C2T Supplier  |
| LM3S812-IGZ50-C2T Price         | LM3S812-IGZ50-C2T Pictures           | LM3S812-IGZ50-C2T Image     |
| LM3S812-IGZ50-C2T PDF Datasheet | LM3S812-IGZ50-C2T Download Datasheet | LM3S812-IGZ50-C2T Datasheet |
| LM3S812-IGZ50-C2T Stock         | Buy LM3S812-IGZ50-C2T                | Buy LM3S812-IGZ50-C2T       |
| LM3S812-IGZ50-C2T               | Supplier                             | Distributor                 |

Related Products

|                                                                                    |                                                                                                                                              |                                                                                      |                                                                                                                                              |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>LM3S815-IGZ50-C2</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48VQFN<br/>In stock: 21502 pcs</p> <p>RFQ</p>  |  | <p><b>LM3S811-IQN50-C2T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 26039 pcs</p> <p>RFQ</p> |
|  | <p><b>LM3S812-EGZ50-C2T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48VQFN<br/>In stock: 27237 pcs</p> <p>RFQ</p> |  | <p><b>LM3S815-EGZ50-C2</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48VQFN<br/>In stock: 16907 pcs</p> <p>RFQ</p>  |
|  | <p><b>LM3S812-EQN50-C2T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 2870 pcs</p> <p>RFQ</p>  |  | <p><b>LM3S812-EGZ50-C2</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48VQFN<br/>In stock: 19173 pcs</p> <p>RFQ</p>  |
|  | <p><b>LM3S812-IQN50-C2T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 24271 pcs</p> <p>RFQ</p> |  | <p><b>LM3S812-IQN50-C2</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 21979 pcs</p> <p>RFQ</p>  |
|  | <p><b>LM3S815-EGZ50-C2T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48VQFN<br/>In stock: 25243 pcs</p> <p>RFQ</p> |  | <p><b>LM3S812-EQN50-C2</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 6962 pcs</p> <p>RFQ</p>   |
|  | <p><b>LM3S815-EQN50-C2</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 5360 pcs</p> <p>RFQ</p>   |  | <p><b>LM3S812-IGZ50-C2</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 64KB FLASH 48VQFN<br/>In stock: 21048 pcs</p> <p>RFQ</p>  |