



LM3S1N16-IQR50-C0T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S1N16-IQR50-C0T                                                                                           |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 64KB FLASH 64LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 27404 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

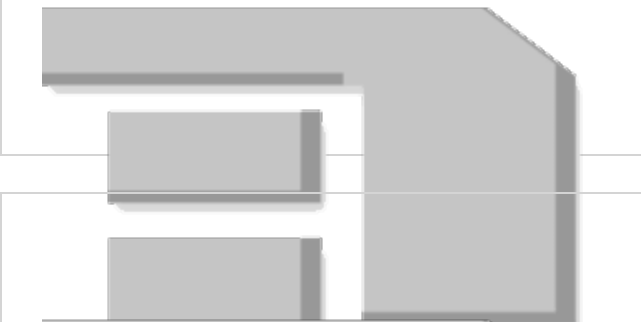
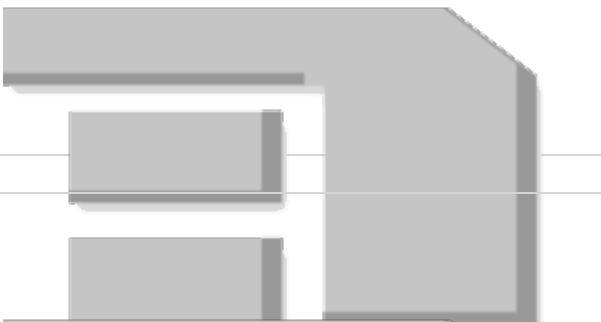
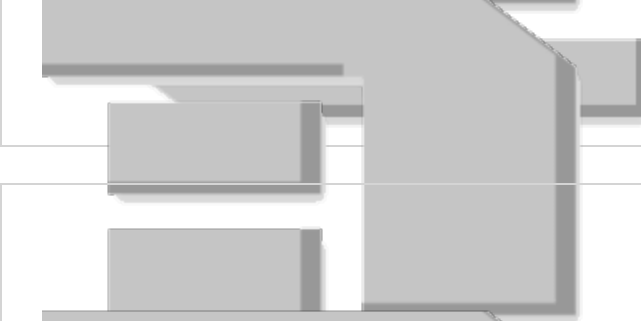
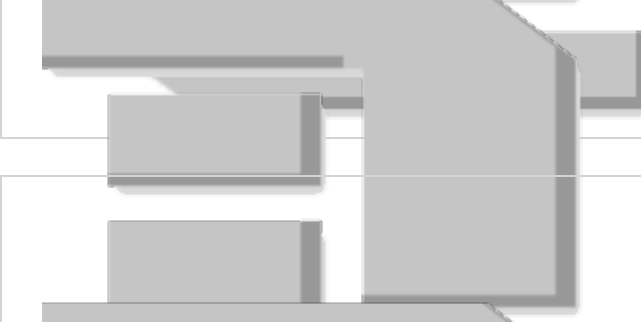
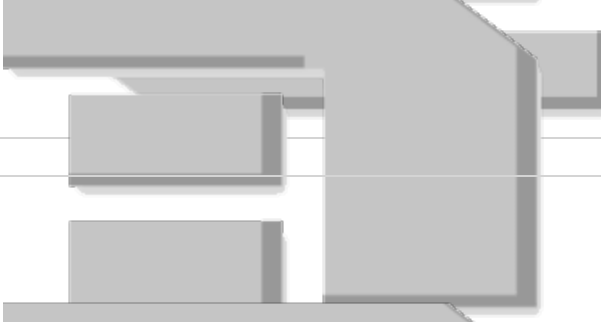
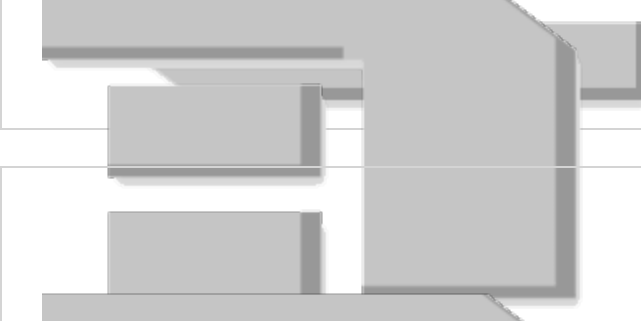
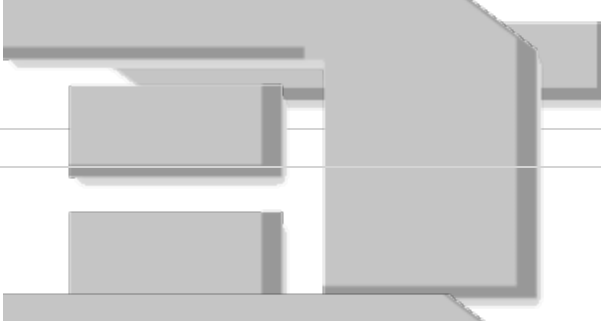
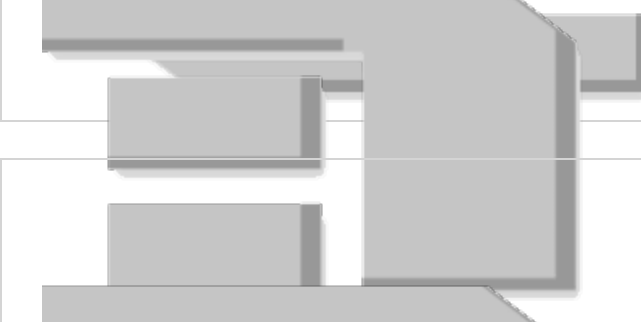
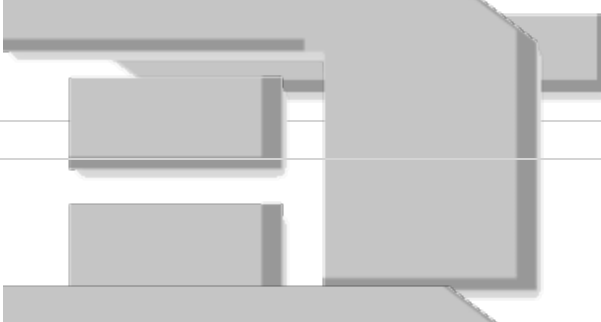
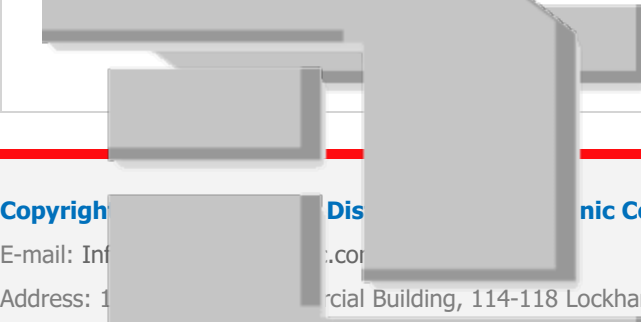
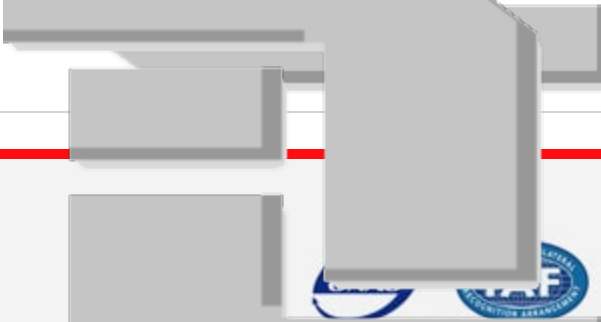
Specifications of LM3S1N16-IQR50-C0T

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S1N16-IQR50-C0T                                                                                                    |
| MANUFACTURER                     | N/A                                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64LQFP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 27404 pcs                                                                                                             |
| DATA SHEET                       |                                                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.08 V ~ 3.6 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-LQFP (10x10)                                                                                                       |
| SPEED                            | 50MHz                                                                                                                 |
| SERIES                           | Stellaris® ARM® Cortex®-M3S 1000                                                                                      |
| RAM SIZE                         | 12K x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                 |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 64-LQFP                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 33                                                                                                                    |
| 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 1000 Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 64-LQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                             |
| CORE SIZE                        | 32-Bit                                                                                                                |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                       |
| CONNECTIVITY                     | I²C, IrDA, LINbus, Microwire, SPI, SSI, UART/USART                                                                    |
| BASE PART NUMBER                 | LM3S1N16                                                                                                              |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| LM3S1N16-IQR50-C0T               | LM3S1N16-IQR50-C0T Distributor        | LM3S1N16-IQR50-C0T Supplier  |
| LM3S1N16-IQR50-C0T Price         | LM3S1N16-IQR50-C0T Pictures           | LM3S1N16-IQR50-C0T Image     |
| LM3S1N16-IQR50-C0T PDF Datasheet | LM3S1N16-IQR50-C0T Download Datasheet | LM3S1N16-IQR50-C0T Datasheet |
| LM3S1N16-IQR50-C0T Stock         | Buy LM3S1N16-IQR50-C0T                | Buy LM3S1N16-IQR50-C0T       |
| LM3S1N16-IQR50-C0T               | Supplier                              | Distributor                  |

Related Products

|                                                                                    |                                                                                                                                                                                                              |                                                                                      |                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>LM3S1N16-IQR50-C3</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 3105 pcs<br>   |  | <b>LM3S1N11-IQC50-C5T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 6801 pcs<br>  |
|  | <b>LM3S1N11-IQC50-C3</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 2704 pcs<br>  |  | <b>LM3S1N16-IQR50-C5</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 5786 pcs<br>    |
|  | <b>LM3S1N16-IQR50-C3T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 4540 pcs<br>  |  | <b>LM3S1N11-IQC50-C5</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 5755 pcs<br>   |
|  | <b>LM3S1N16-IQR50-C1</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 19487 pcs<br>  |  | <b>LM3S1N11-IQC50-C1T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 24188 pcs<br> |
|  | <b>LM3S1N16-IQR50-C1T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 28015 pcs<br> |  | <b>LM3S1N16-IQR50-C0</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 18868 pcs<br>   |
|  | <b>LM3S1N16-IQR50-C5T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 4305 pcs<br>  |  | <b>LM3S1N11-IQC50-C3T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br>In stock: 5416 pcs<br>  |

