



LM3S601-IQN50-C2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S601-IQN50-C2                                                                                             |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 32KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 22161 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

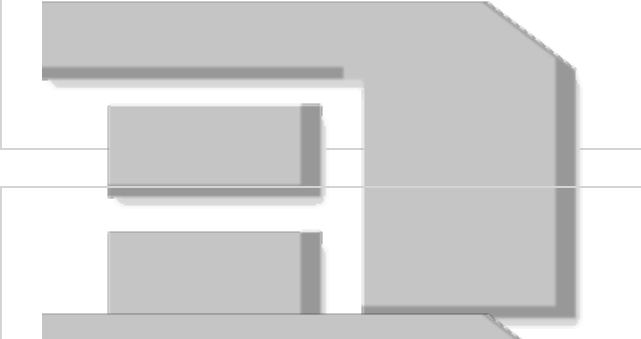
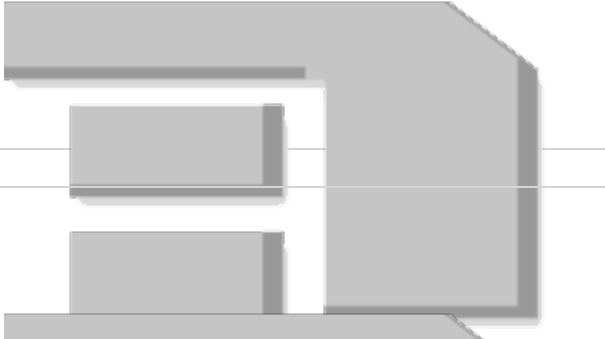
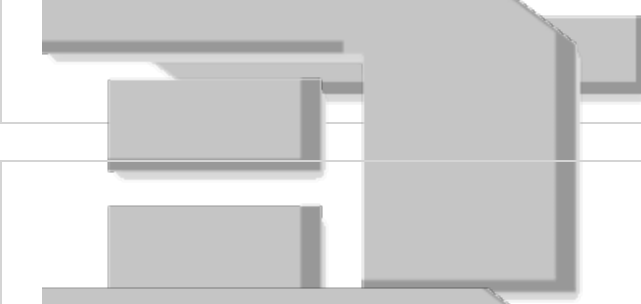
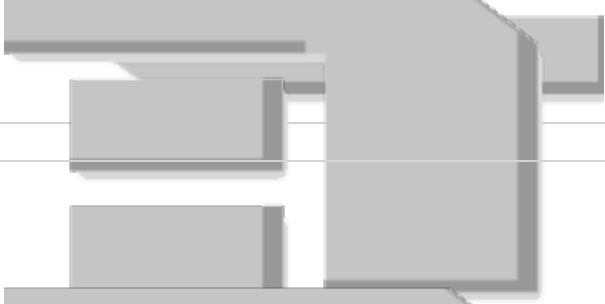
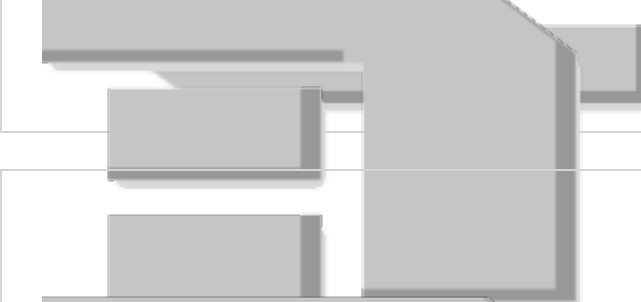
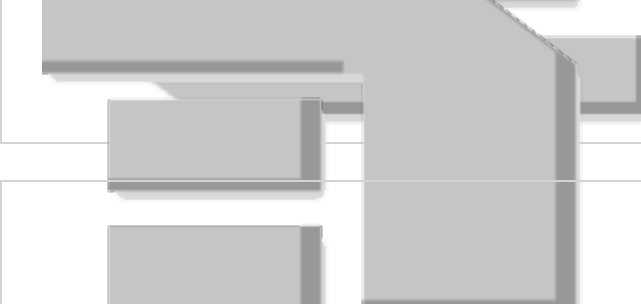
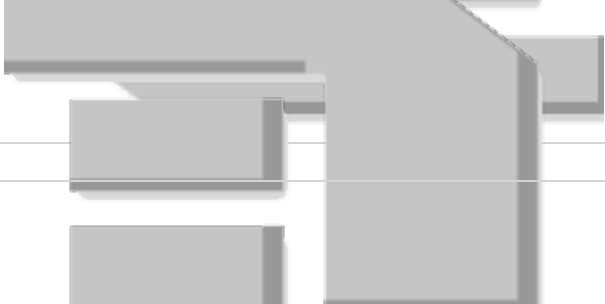
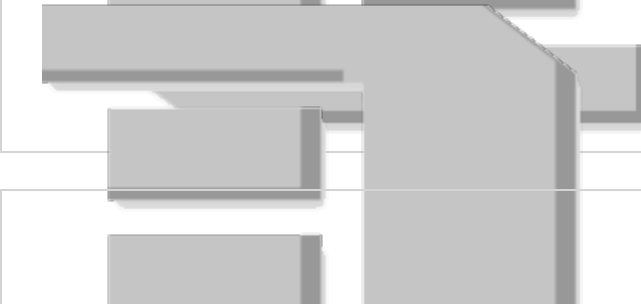
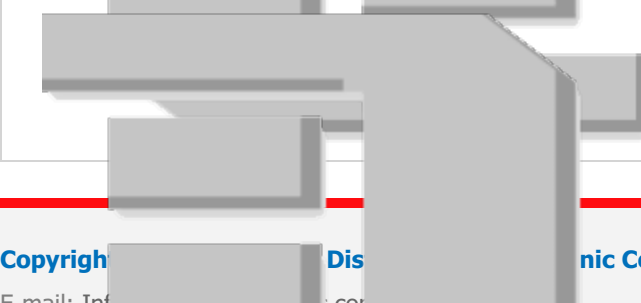
Specifications of LM3S601-IQN50-C2

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S601-IQN50-C2                                                                                                   |
| MANUFACTURER                     | N/A                                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 48LQFP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 22161 pcs                                                                                                          |
| DATA SHEET                       |                                                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                      |
| SPEED                            | 50MHz                                                                                                              |
| SERIES                           | Stellaris® ARM® Cortex®-M3S 600                                                                                    |
| RAM SIZE                         | 8K x 8                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                              |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                              |
| PACKAGING                        | Tray                                                                                                               |
| PACKAGE / CASE                   | 48-LQFP                                                                                                            |
| OTHER NAMES                      | 726-1008<br>LM3S601-IQN50                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                  |
| NUMBER OF I/O                    | 36                                                                                                                 |
| 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 600 Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | -                                                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                             |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                    |
| CONNECTIVITY                     | I²C, Microwire, QEI, SPI, SSI, UART/USART                                                                          |
| BASE PART NUMBER                 | LM3S601                                                                                                            |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| LM3S601-IQN50-C2               | LM3S601-IQN50-C2 Distributor        | LM3S601-IQN50-C2 Supplier  |
| LM3S601-IQN50-C2 Price         | LM3S601-IQN50-C2 Pictures           | LM3S601-IQN50-C2 Image     |
| LM3S601-IQN50-C2 PDF Datasheet | LM3S601-IQN50-C2 Download Datasheet | LM3S601-IQN50-C2 Datasheet |
| LM3S601-IQN50-C2 Stock         | Buy LM3S601-IQN50-C2                | Buy LM3S601-IQN50-C2       |
| LM3S601-IQN50-C2               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                                    |                                                                                      |                                                                                                                                    |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>LM3S608-EGZ50-C2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48VQFN<br>In stock: 22315 pcs<br><b>RFQ</b>  |  | <b>LM3S608-EQN50-C2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 3102 pcs<br><b>RFQ</b>   |
|  | <b>LM3S601-EQN50-C2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 3737 pcs<br><b>RFQ</b>  |  | <b>LM3S601-IQN50-C2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 30241 pcs<br><b>RFQ</b> |
|  | <b>LM3S608-EQN50-C2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 5102 pcs<br><b>RFQ</b>  |  | <b>LM3S601-IGZ50-C2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48VQFN<br>In stock: 22432 pcs<br><b>RFQ</b>  |
|  | <b>LM3S601-EGZ50-C2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48VQFN<br>In stock: 29337 pcs<br><b>RFQ</b> |  | <b>LM3S601-IGZ50-C2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48VQFN<br>In stock: 27543 pcs<br><b>RFQ</b> |
|  | <b>LM3S608-IGZ50-C2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48VQFN<br>In stock: 22762 pcs<br><b>RFQ</b>  |  | <b>LM3S601-EGZ50-C2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48VQFN<br>In stock: 18642 pcs<br><b>RFQ</b>  |
|  | <b>LM3S608-EGZ50-C2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48VQFN<br>In stock: 36286 pcs<br><b>RFQ</b> |  | <b>LM3S601-EQN50-C2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 6066 pcs<br><b>RFQ</b>   |

