



LM3S6637-IQC50-A2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S6637-IQC50-A2                                                                                            |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 128KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

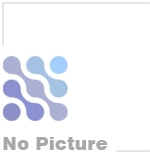
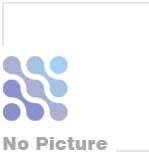
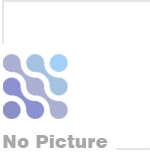
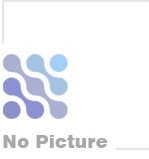
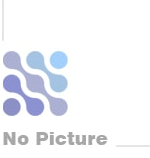
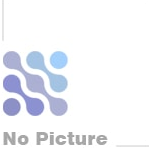
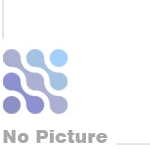
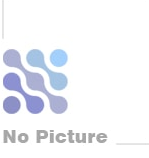
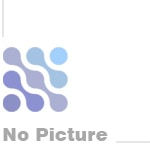
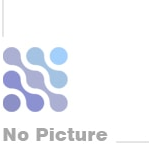
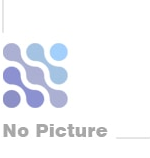
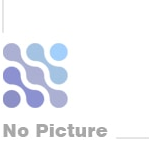
Specifications of LM3S6637-IQC50-A2

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S6637-IQC50-A2                                                                                                        |
| MANUFACTURER                     | N/A                                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                       |                                                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.25 V ~ 2.75 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                         |
| SPEED                            | 50MHz                                                                                                                    |
| SERIES                           | Stellaris® ARM® Cortex®-M3S 6000                                                                                         |
| RAM SIZE                         | 32K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                    |
| PACKAGING                        | Tray                                                                                                                     |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                 |
| OTHER NAMES                      | 726-1077<br>LM3S6637-IQC50                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| NUMBER OF I/O                    | 41                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 20 Weeks                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | -                                                                                                                        |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 Stellaris® ARM® Cortex®-M3S 6000 Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                                |
| CORE SIZE                        | 32-Bit                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                          |
| CONNECTIVITY                     | Ethernet, I²C, IrDA, Microwire, SPI, SSI, UART/USART                                                                     |
| BASE PART NUMBER                 | LM3S6637                                                                                                                 |

Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| LM3S6637-IQC50-A2               | LM3S6637-IQC50-A2 Distributor        | LM3S6637-IQC50-A2 Supplier  |
| LM3S6637-IQC50-A2 Price         | LM3S6637-IQC50-A2 Pictures           | LM3S6637-IQC50-A2 Image     |
| LM3S6637-IQC50-A2 PDF Datasheet | LM3S6637-IQC50-A2 Download Datasheet | LM3S6637-IQC50-A2 Datasheet |
| LM3S6637-IQC50-A2 Stock         | Buy LM3S6637-IQC50-A2                | Buy LM3S6637-IQC50-A2       |
| LM3S6637-IQC50-A2               | Supplier                             | Distributor                 |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><p>No Picture</p></div> <div><b>LM3S6730-EQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 5372 pcs<br/><div>RFQ</div></div>  | <div><p>No Picture</p></div> <div><b>LM3S6730-IBZ50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 5339 pcs<br/><div>RFQ</div></div>  |
| <div><p>No Picture</p></div> <div><b>LM3S6633-IQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 4629 pcs<br/><div>RFQ</div></div>  | <div><p>No Picture</p></div> <div><b>LM3S6637-IBZ50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 5375 pcs<br/><div>RFQ</div></div>   |
| <div><p>No Picture</p></div> <div><b>LM3S6637-EQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 5299 pcs<br/><div>RFQ</div></div> | <div><p>No Picture</p></div> <div><b>LM3S6637-IBZ50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 5889 pcs<br/><div>RFQ</div></div>  |
| <div><p>No Picture</p></div> <div><b>LM3S6637-IQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 5902 pcs<br/><div>RFQ</div></div> | <div><p>No Picture</p></div> <div><b>LM3S6730-EQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 4400 pcs<br/><div>RFQ</div></div> |
| <div><p>No Picture</p></div> <div><b>LM3S6730-IQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 3898 pcs<br/><div>RFQ</div></div>  | <div><p>No Picture</p></div> <div><b>LM3S6633-IQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 5101 pcs<br/><div>RFQ</div></div> |
| <div><p>No Picture</p></div> <div><b>LM3S6637-EQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 5027 pcs<br/><div>RFQ</div></div>  | <div><p>No Picture</p></div> <div><b>LM3S6730-IBZ50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 4514 pcs<br/><div>RFQ</div></div>   |