

LM3S1607-IQR50-A0T



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Part Number: [LM3S1607-IQR50-A0T](#)

Manufacturer: [N/A](#)

Description: [IC MCU 32BIT 128KB FLASH 64LQFP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

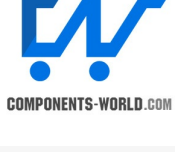
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                            |                                |                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | LM3S1607-IQR50-A0T                         | Manufacturer                   | N/A                                                                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 32BIT 128KB FLASH 64LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 10153 pcs                                  | Data sheet                     |                                                                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)     | 2.25 V ~ 2.75 V                                                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                        | 64-LQFP (10x10)                            | Speed                          | 50MHz                                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | Stellaris® ARM® Cortex®-M3S 1000           | RAM Size                       | 32K x 8                                                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                            | FLASH                                      | Program Memory Size            | 128KB (128K 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 128KB (128K x 8) FLASH 64-LQFP (10x10) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 8x10b                                  | Core Size                      | 32-Bit                                                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                 | ARM® Cortex®-M3                            | Connectivity                   | I²C, IrDA, Microwire, SPI, SSI, UART/USART                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                               | LM3S1607                                   |                                |                                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                                            |                                    |                |
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|  | Part#: <a href="#">LM3S1601-IBZ50-A2T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 108BGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S1620-IBZ25-A2T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 108BGA</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S1601-IQC50-A2</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S1538-IBZ50-A2T</a><br>Description: <a href="#">IC MCU 32BIT 96KB FLASH 108BGA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S1608-EQC50-A2</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S1620-IBZ25-A2</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 108BGA</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S1620-EQC25-A2T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LM3S1607-IQR50-A0</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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