

LM3S6537-IQC50-A2T



COMPONENTS-WORLD.COM

Part Number: [LM3S6537-IQC50-A2T](#)

Manufacturer: N/A

Description: IC MCU 32BIT 96KB FLASH 100LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy LM3S6537-IQC50-A2T with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                        |                                 |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | LM3S6537-IQC50-A2T                                                                                                     | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 96KB FLASH 100LQFP                                                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 4821 pcs                                                                                                               | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                                              | 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                        | 64K x 8                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                                                                  | Program Memory Size             | 96KB (96K x 8)             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, POR, PWM, WDT                                                                                  | Packaging                       | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 100-LQFP                                                                                                               | 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 96KB (96K 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                | LM3S6537                   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all series electronic components. We have 4821 pieces of LM3S6537-IQC50-A2T in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                                        |                                 |                            |

| RELATED PRODUCTS                                                                   |                                                                                            |                                    |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LM3S6610-EQC25-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6537-IBZ50-A2</a><br>Description: IC MCU 32BIT 96KB FLASH 108BGA    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6432-EQC50-A2T</a><br>Description: IC MCU 32BIT 96KB FLASH 100LQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6611-IBZ50-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 108BGA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6537-IBZ50-A2T</a><br>Description: IC MCU 32BIT 96KB FLASH 108BGA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6610-IBZ25-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 108BGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6537-EQC50-A2T</a><br>Description: IC MCU 32BIT 96KB FLASH 100LQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6610-IBZ25-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 108BGA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6611-EQC50-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6610-IQC25-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6432-IQC50-A2T</a><br>Description: IC MCU 32BIT 96KB FLASH 100LQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6432-IQC50</a><br>Description: IC MCU 32BIT 96KB FLASH 100LQFP      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6537-EQC50-A2</a><br>Description: IC MCU 32BIT 96KB FLASH 100LQFP   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6432-IBZ50-A2</a><br>Description: IC MCU 32BIT 96KB FLASH 108BGA    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6611-EQC50-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6611-IQC50-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6611-IBZ50-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 108BGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6610-EQC25-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6432-IBZ50-A2T</a><br>Description: IC MCU 32BIT 96KB FLASH 108BGA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6432-IQC50-A2</a><br>Description: IC MCU 32BIT 96KB FLASH 100LQFP   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

|                                                |                                |                             |                          |
|------------------------------------------------|--------------------------------|-----------------------------|--------------------------|
| Related keywords for <b>LM3S6537-IQC50-A2T</b> |                                |                             |                          |
| LM3S6537-IQC50-A2T                             | LM3S6537-IQC50-A2T distributor | LM3S6537-IQC50-A2T supplier | LM3S6537-IQC50-A2T price |
| LM3S6537-IQC50-A2T download datasheet          | LM3S6537-IQC50-A2T datasheet   | LM3S6537-IQC50-A2T stock    | buy LM3S6537-IQC50-A2T   |