

LM3S5737-IQC50-A0



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Part Number: [LM3S5737-IQC50-A0](#)

Manufacturer: [N/A](#)

Description: [IC MCU 32BIT 128KB FLASH 100LQFP](#)

Data sheet:

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

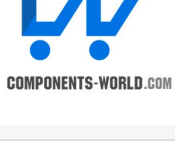
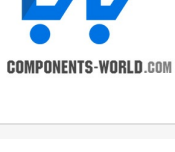
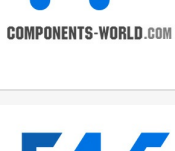
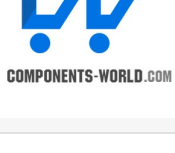
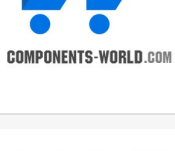
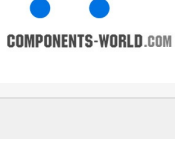
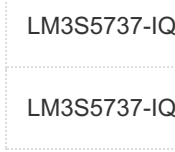
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                          |                                  |                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | LM3S5737-IQC50-A0                                                                                                        | Manufacturer                     | N/A                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 32BIT 128KB FLASH 100LQFP                                                                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 5582 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 5000                                                                                         | RAM Size                         | 64K x 8                                                                  |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                                                                                                    | Program Memory Size              | 128KB (128K x 8)                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                               | Packaging                        | Tray                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                               | 100-LQFP                                                                                                                 | Other Names                      | 296-25371<br>LM3S5737-IQC50<br>LM3S5737-IQC50-A0-ND<br>LM3S5737-IQC50-ND |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                              | Internal                                                                                                                 | Operating Temperature            | -40°C ~ 85°C (TA)                                                        |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                | 61                                                                                                                       | 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 5000 Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 100-LQFP (14x14) | Data Converters                  | A/D 8x10b                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                    | 32-Bit                                                                                                                   | Core Processor                   | ARM® Cortex®-M3                                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                 | CANbus, I²C, IrDA, Microwire, SPI, SSI, UART/USART, USB                                                                  | Base Part Number                 | LM3S5737                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                                            |                                    |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">LM3S5737-IQC50-A0T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5656-IQR80-C3</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5739-IQC50-A0</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5749-IQC50-A0T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5762-IQR50-A0</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5749-IQC50-A0</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5747-IQC50-A0T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5656-IQR80-C5</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5752-IQR50-A0T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5732-IQR50-A0T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5656-IQR80-C5T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5656-IQR80-C1T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5747-IQC50-A0</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5752-IQR50-A0</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5656-IQR80-C3T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5662-IQR50-A0T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5662-IQR50-A0</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5739-IQC50-A0T</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 100LQFP</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5732-IQR50-A0</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S5656-IQR80-C1</a><br>Description: <a href="#">IC MCU 32BIT 128KB FLASH 64LQFP</a>   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

| Related keywords for LM3S5737-IQC50-A0 |                               |                            |                         |
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