

Macraigor Systems

Complete JTAG Debug Support

Texas Instruments

Macraigor Systems

Complete JTAG Debug Support

LM3S1958-IQC50-A2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S1958-IQC50-A2                                                                                            |
| Manufacturer/Brand: | Macraigor Systems LLC                                                                                        |
| Product description | IC MCU 32BIT 256KB 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.

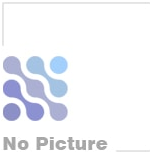
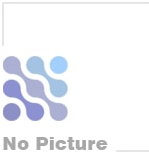
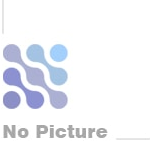
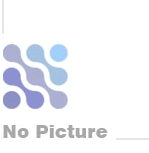
Specifications of LM3S1958-IQC50-A2

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S1958-IQC50-A2                                                                                                        |
| MANUFACTURER                     | Texas Instruments                                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                       |                                                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                                                    |
| VOLTAGE - BREAKDOWN              | 100-LQFP (14x14)                                                                                                         |
| SERIES                           | Stellaris® ARM® Cortex®-M3S 1000                                                                                         |
| ROHS STATUS                      | Tray                                                                                                                     |
| REVERSE RECOVERY TIME (TRR)      | 50MHz                                                                                                                    |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                                                                    |
| PROGRAM MEMORY TYPE              | 256KB (256K x 8)                                                                                                         |
| PROGRAM MEMORY SIZE              | I²C, IrDA, Microwire, SPI, SSI, UART/USART                                                                               |
| POLARIZATION                     | 100-LQFP                                                                                                                 |
| OTHER NAMES                      | 296-24902<br>LM3S1958IQC50A2                                                                                             |
| OSCILLATOR TYPE                  | A/D 8x10b                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| OPERATING SYSTEM                 | ARM® Cortex®-M3                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                                                 |
| MANUFACTURER PART NUMBER         | LM3S1958-IQC50-A2                                                                                                        |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M3 Stellaris® ARM® Cortex®-M3S 1000 Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 100-LQFP (14x14) |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 100LQFP                                                                                         |
| DATA SRAM BYTES                  | -                                                                                                                        |
| DATA CONVERTERS                  | 2.25 V ~ 2.75 V                                                                                                          |
| CORE SIZE                        | 64K x 8                                                                                                                  |
| CONTROLLER SERIES                | Internal                                                                                                                 |
| CONNECTIVITY                     | 32-Bit                                                                                                                   |
| CLOCK RATE                       | 52                                                                                                                       |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Macraigor Systems LLC LM3S1958-IQC50-A2 | LM3S1958-IQC50-A2 Distributor        | LM3S1958-IQC50-A2 Supplier                  |
| LM3S1958-IQC50-A2 Price                 | LM3S1958-IQC50-A2 Pictures           | LM3S1958-IQC50-A2 Image                     |
| LM3S1958-IQC50-A2 PDF Datasheet         | LM3S1958-IQC50-A2 Download Datasheet | LM3S1958-IQC50-A2 Datasheet                 |
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| Macraigor Systems LLC LM3S1958-IQC50-A2 | Macraigor Systems LLC Supplier       | Macraigor Systems LLC Distributor           |
| Macraigor Systems LLC LM3S1958-IQC50-A2 |                                      |                                             |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>No Picture</div></div> <div><b>LM3S1937-IQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 6514 pcs<br/>RFQ</div> | <div><div>No Picture</div></div> <div><b>LM3S1960-IBZ50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 6410 pcs<br/>RFQ</div>   |
| <div><div>No Picture</div></div> <div><b>LM3S1960-IBZ50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 6702 pcs<br/>RFQ</div>  | <div><div>No Picture</div></div> <div><b>LM3S1937-IQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4775 pcs<br/>RFQ</div>  |
| <div><div>No Picture</div></div> <div><b>LM3S1960-EQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4058 pcs<br/>RFQ</div>  | <div><div>No Picture</div></div> <div><b>LM3S1958-IQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 6704 pcs<br/>RFQ</div> |
| <div><div>No Picture</div></div> <div><b>LM3S1958-IQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5233 pcs<br/>RFQ</div>  | <div><div>No Picture</div></div> <div><b>LM3S1960-EQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4260 pcs<br/>RFQ</div> |
| <div><div>No Picture</div></div> <div><b>LM3S1958-IBZ50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 6878 pcs<br/>RFQ</div>  | <div><div>No Picture</div></div> <div><b>LM3S1958-EQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4818 pcs<br/>RFQ</div> |
| <div><div>No Picture</div></div> <div><b>LM3S1958-EQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4185 pcs<br/>RFQ</div>  | <div><div>No Picture</div></div> <div><b>LM3S1958-IBZ50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 5597 pcs<br/>RFQ</div>   |