



LM3S1918-IBZ50-A2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S1918-IBZ50-A2                                                                                            |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 256KB FLASH 108BGA                                                                              |
| 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 LM3S1918-IBZ50-A2

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S1918-IBZ50-A2                                                                                                       |
| MANUFACTURER                     | N/A                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 108BGA                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |                                                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.25 V ~ 2.75 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 108-BGA (10x10)                                                                                                         |
| SPEED                            | 50MHz                                                                                                                   |
| SERIES                           | Stellaris® ARM® Cortex®-M3S 1000                                                                                        |
| RAM SIZE                         | 64K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                   |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 108-LFBGA                                                                                                               |
| OTHER NAMES                      | 726-1139<br>LM3S1918-IBZ50                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 52                                                                                                                      |
| 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 256KB (256K x 8) FLASH 108-BGA (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                 | LM3S1918                                                                                                                |

Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| LM3S1918-IBZ50-A2               | LM3S1918-IBZ50-A2 Distributor        | LM3S1918-IBZ50-A2 Supplier  |
| LM3S1918-IBZ50-A2 Price         | LM3S1918-IBZ50-A2 Pictures           | LM3S1918-IBZ50-A2 Image     |
| LM3S1918-IBZ50-A2 PDF Datasheet | LM3S1918-IBZ50-A2 Download Datasheet | LM3S1918-IBZ50-A2 Datasheet |
| LM3S1918-IBZ50-A2 Stock         | Buy LM3S1918-IBZ50-A2                | Buy LM3S1918-IBZ50-A2       |
| LM3S1918-IBZ50-A2               | Supplier                             | Distributor                 |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><p>No Picture</p></div> <div><b>LM3S1937-EQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5006 pcs<br/>RFQ</div>  | <div><p>No Picture</p></div> <div><b>LM3S1937-IBZ50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 6805 pcs<br/>RFQ</div>  |
| <div><p>No Picture</p></div> <div><b>LM3S1911-IBZ50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 5214 pcs<br/>RFQ</div>   | <div><p>No Picture</p></div> <div><b>LM3S1918-EQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 3671 pcs<br/>RFQ</div>  |
| <div><p>No Picture</p></div> <div><b>LM3S1937-EQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4683 pcs<br/>RFQ</div> | <div><p>No Picture</p></div> <div><b>LM3S1918-IBZ50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 5507 pcs<br/>RFQ</div>  |
| <div><p>No Picture</p></div> <div><b>LM3S1937-IBZ50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 6322 pcs<br/>RFQ</div>   | <div><p>No Picture</p></div> <div><b>LM3S1911-EQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4537 pcs<br/>RFQ</div> |
| <div><p>No Picture</p></div> <div><b>LM3S1918-EQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 3960 pcs<br/>RFQ</div> | <div><p>No Picture</p></div> <div><b>LM3S1911-IQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 6057 pcs<br/>RFQ</div> |
| <div><p>No Picture</p></div> <div><b>LM3S1918-IQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5587 pcs<br/>RFQ</div> | <div><p>No Picture</p></div> <div><b>LM3S1911-IBZ50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 7452 pcs<br/>RFQ</div>  |