



LM3S9U96-IBZ80-A2T

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | LM3S9U96-IBZ80-A2T              |
| Manufacturer/Brand: | N/A                             |
| Product description | IC MCU 32BIT 384KB 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 LM3S9U96-IBZ80-A2T

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S9U96-IBZ80-A2T                                                                                                      |
| MANUFACTURER                     | N/A                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 108BGA                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |                                                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.235 V ~ 1.365 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 108-BGA (10x10)                                                                                                         |
| SPEED                            | 80MHz                                                                                                                   |
| SERIES                           | Stellaris® ARM® Cortex®-M3S 9000                                                                                        |
| RAM SIZE                         | 96K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 108-LFBGA                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 65                                                                                                                      |
| 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 9000 Microcontroller IC 32-Bit 80MHz 384KB (384K x 8) FLASH 108-BGA (10x10) |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                         |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, IrDA, LINbus, Microwire, QEI, SPI, SSI, UART/USART, USB OTG                                      |
| BASE PART NUMBER                 | LM3S9U96                                                                                                                |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| LM3S9U96-IBZ80-A2T               | LM3S9U96-IBZ80-A2T Distributor        | LM3S9U96-IBZ80-A2T Supplier  |
| LM3S9U96-IBZ80-A2T Price         | LM3S9U96-IBZ80-A2T Pictures           | LM3S9U96-IBZ80-A2T Image     |
| LM3S9U96-IBZ80-A2T PDF Datasheet | LM3S9U96-IBZ80-A2T Download Datasheet | LM3S9U96-IBZ80-A2T Datasheet |
| LM3S9U96-IBZ80-A2T Stock         | Buy LM3S9U96-IBZ80-A2T                | Buy LM3S9U96-IBZ80-A2T       |
| LM3S9U96-IBZ80-A2T               | Supplier                              | Distributor                  |

Related Products

|                                                                                                                                                          |                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LM3S9U92-IQC80-A1T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 4121 pcs<br/>RFQ</div> | <div></div> <div><b>LM3S9U96-IQC80-A1</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 5785 pcs<br/>RFQ</div> |
| <div></div> <div><b>LM3SA000-IQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 6531 pcs<br/>RFQ</div> | <div></div> <div><b>LM3S9U92-IQC80-A1</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 5982 pcs<br/>RFQ</div> |
| <div></div> <div><b>LM3S9U92-IQC80-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 4415 pcs<br/>RFQ</div> | <div></div> <div><b>LM3S9U96-IBZ80-A1</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 108BGA<br/>In stock: 5600 pcs<br/>RFQ</div>  |
| <div></div> <div><b>LM3S9U96-IQC80-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 4624 pcs<br/>RFQ</div> | <div></div> <div><b>LM3S9U92-IQC80-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 5574 pcs<br/>RFQ</div> |
| <div></div> <div><b>LM3S9U96-IBZ80-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 108BGA<br/>In stock: 5875 pcs<br/>RFQ</div>   | <div></div> <div><b>LM3S9U96-IQC80-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 5990 pcs<br/>RFQ</div> |
| <div></div> <div><b>LM3S9U96-IQC80-A1T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 4624 pcs<br/>RFQ</div> | <div></div> <div><b>LM3S9U96-IBZ80-A1T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 384KB FLASH 108BGA<br/>In stock: 5417 pcs<br/>RFQ</div> |

