



LM3S9U90-IBZ80-A1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S9U90-IBZ80-A1                                                                                            |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 384KB FLASH 108BGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4873 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of LM3S9U90-IBZ80-A1

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S9U90-IBZ80-A1                                                                                                       |
| MANUFACTURER                     | N/A                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 108BGA                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 4873 pcs                                                                                                                |
| 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                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 108-LFBGA                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 60                                                                                                                      |
| 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, EBI/EMI, Ethernet, I²C, IrDA, LINbus, Microwire, QEI, SPI, SSI, UART/USART, USB OTG                             |
| BASE PART NUMBER                 | LM3S9U90                                                                                                                |

Related Tags

|                                 |                                      |                             |
|---------------------------------|--------------------------------------|-----------------------------|
| LM3S9U90-IBZ80-A1               | LM3S9U90-IBZ80-A1 Distributor        | LM3S9U90-IBZ80-A1 Supplier  |
| LM3S9U90-IBZ80-A1 Price         | LM3S9U90-IBZ80-A1 Pictures           | LM3S9U90-IBZ80-A1 Image     |
| LM3S9U90-IBZ80-A1 PDF Datasheet | LM3S9U90-IBZ80-A1 Download Datasheet | LM3S9U90-IBZ80-A1 Datasheet |
| LM3S9U90-IBZ80-A1 Stock         | Buy LM3S9U90-IBZ80-A1                | Buy LM3S9U90-IBZ80-A1       |
| LM3S9U90-IBZ80-A1               | Supplier                             | Distributor                 |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | <b>LM3S9U90-IBZ80-A2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 108BGA<br>In stock: 6894 pcs<br>RFQ   |  | <b>LM3S9U81-IBZ80-A2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 108BGA<br>In stock: 4364 pcs<br>RFQ  |
|  | <b>LM3S9U81-IBZ80-A1T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 108BGA<br>In stock: 6198 pcs<br>RFQ  |  | <b>LM3S9U81-IQC80-A1T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br>In stock: 4123 pcs<br>RFQ |
|  | <b>LM3S9U90-IQC80-A2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br>In stock: 4415 pcs<br>RFQ  |  | <b>LM3S9U81-IBZ80-A2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 108BGA<br>In stock: 3641 pcs<br>RFQ   |
|  | <b>LM3S9U90-IQC80-A2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br>In stock: 6718 pcs<br>RFQ |  | <b>LM3S9U90-IQC80-A1</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br>In stock: 6457 pcs<br>RFQ  |
|  | <b>LM3S9U90-IBZ80-A1T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 108BGA<br>In stock: 4248 pcs<br>RFQ  |  | <b>LM3S9U81-IQC80-A1</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br>In stock: 6698 pcs<br>RFQ  |
|  | <b>LM3S9U81-IQC80-A2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br>In stock: 3714 pcs<br>RFQ |  | <b>LM3S9U90-IBZ80-A2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 384KB FLASH 108BGA<br>In stock: 4655 pcs<br>RFQ  |