



LM3S8971-IBZ50-A2T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S8971-IBZ50-A2T                                                                                           |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 256KB FLASH 108BGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4496 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

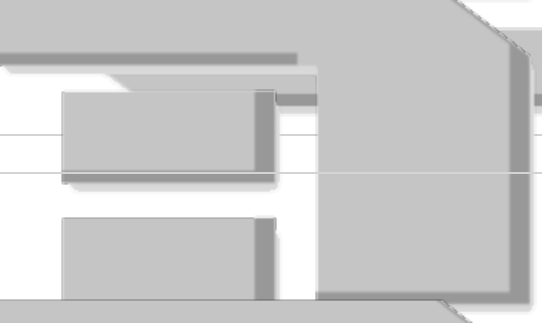
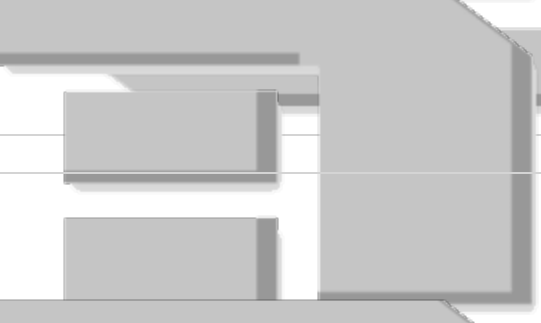
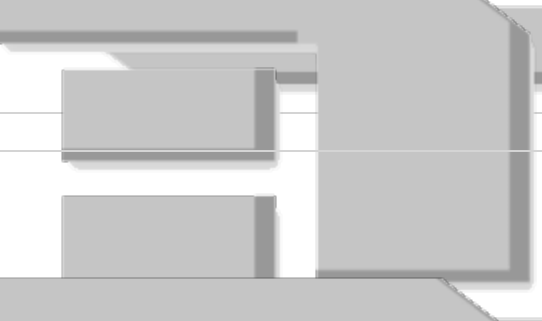
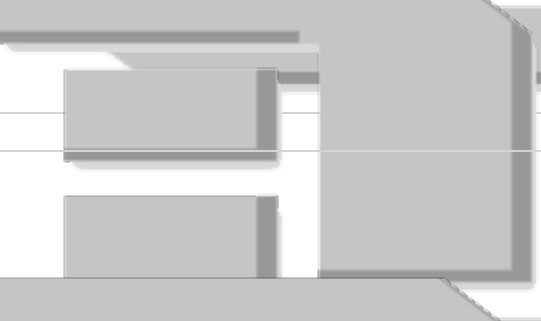
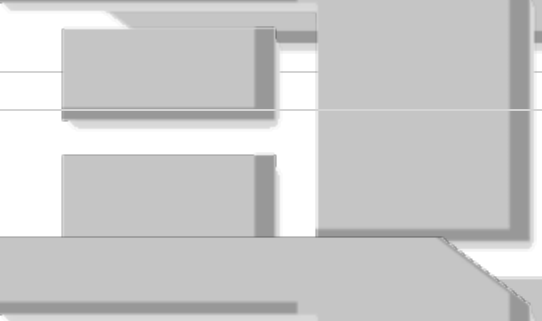
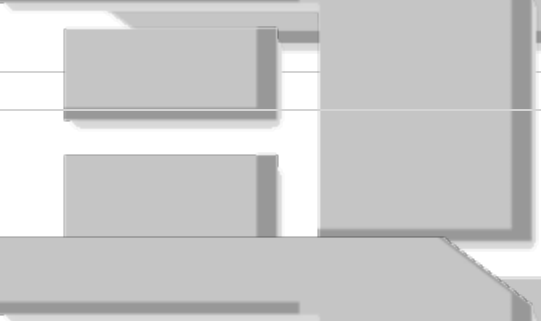
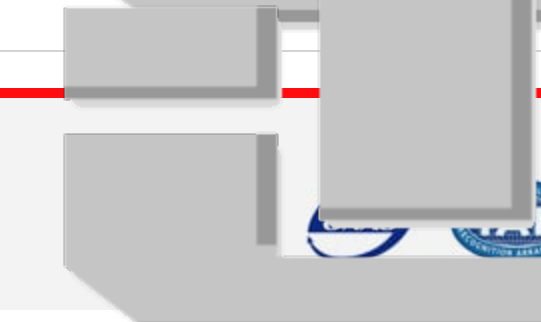
Specifications of LM3S8971-IBZ50-A2T

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S8971-IBZ50-A2T                                                                                                      |
| MANUFACTURER                     | N/A                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 108BGA                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 4496 pcs                                                                                                                |
| 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 8000                                                                                        |
| 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                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 108-LFBGA                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 38                                                                                                                      |
| 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 8000 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                     | CANbus, Ethernet, IrDA, Microwire, QEI, SPI, SSI, UART/USART                                                            |
| BASE PART NUMBER                 | LM3S8971                                                                                                                |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| LM3S8971-IBZ50-A2T               | LM3S8971-IBZ50-A2T Distributor        | LM3S8971-IBZ50-A2T Supplier  |
| LM3S8971-IBZ50-A2T Price         | LM3S8971-IBZ50-A2T Pictures           | LM3S8971-IBZ50-A2T Image     |
| LM3S8971-IBZ50-A2T PDF Datasheet | LM3S8971-IBZ50-A2T Download Datasheet | LM3S8971-IBZ50-A2T Datasheet |
| LM3S8971-IBZ50-A2T Stock         | Buy LM3S8971-IBZ50-A2T                | Buy LM3S8971-IBZ50-A2T       |
| LM3S8971-IBZ50-A2T               | Supplier                              | Distributor                  |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | <b>LM3S8971-IBZ50-A2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 108BGA<br>In stock: 4303 pcs<br>RFQ   |  | <b>LM3S8971-EQC50-A2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 4246 pcs<br>RFQ |
|  | <b>LM3S8C62-IBZ80-A2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 512KB FLASH 108BGA<br>In stock: 5945 pcs<br>RFQ  |  | <b>LM3S8C62-IBZ80-A1T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 512KB FLASH 108BGA<br>In stock: 3550 pcs<br>RFQ  |
|  | <b>LM3S8970-IBZ50-A2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 108BGA<br>In stock: 3429 pcs<br>RFQ   |  | <b>LM3S8971-IQC50-A2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 3080 pcs<br>RFQ  |
|  | <b>LM3S8970-IQC50-A2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 5358 pcs<br>RFQ |  | <b>LM3S8971-IQC50-A2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 5391 pcs<br>RFQ |
|  | <b>LM3S8C62-IBZ80-A1</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 512KB FLASH 108BGA<br>In stock: 5947 pcs<br>RFQ   |  | <b>LM3S8971-EQC50-A2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 2829 pcs<br>RFQ  |
|  | <b>LM3S8C62-IBZ80-A2</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 512KB FLASH 108BGA<br>In stock: 6903 pcs<br>RFQ   |  | <b>LM3S8970-IBZ50-A2T</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 256KB FLASH 108BGA<br>In stock: 5245 pcs<br>RFQ  |

