



LM3S9790-IBZ80-C1T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S9790-IBZ80-C1T                                                                                           |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 128KB FLASH 108BGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4957 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

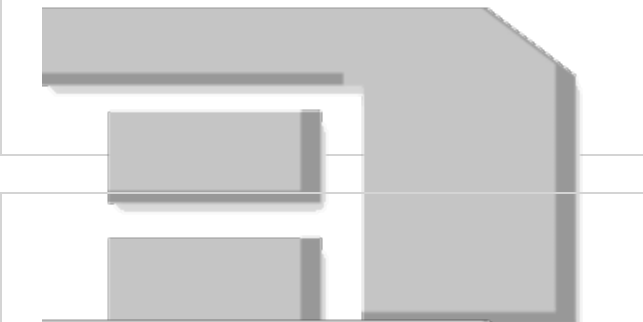
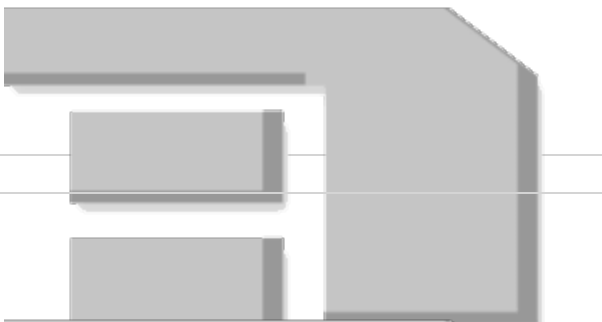
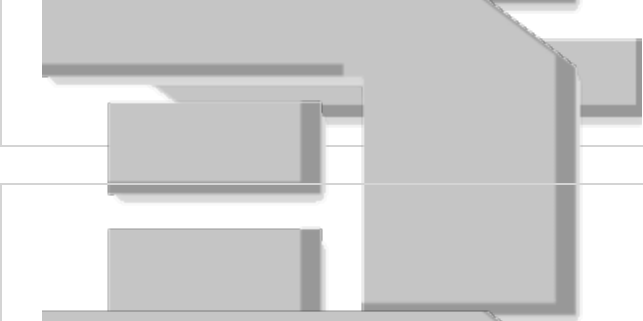
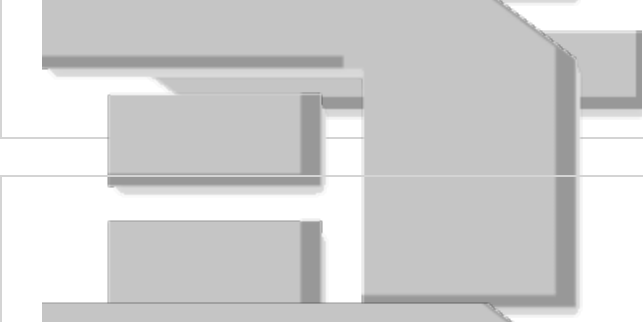
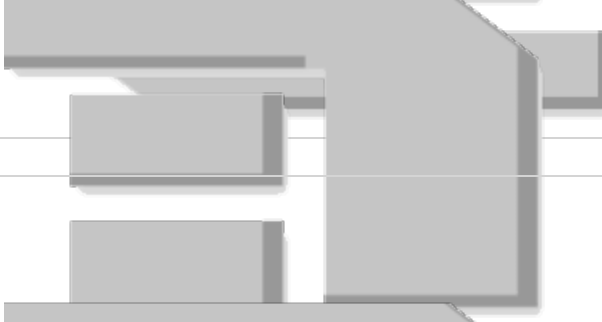
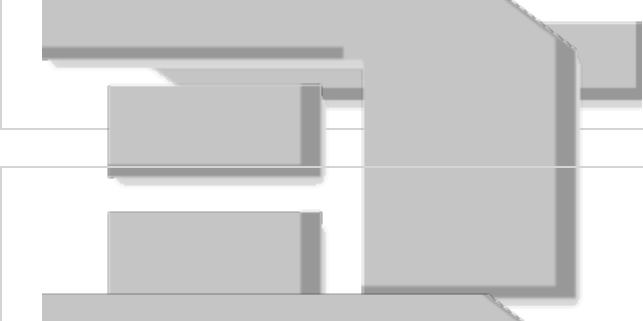
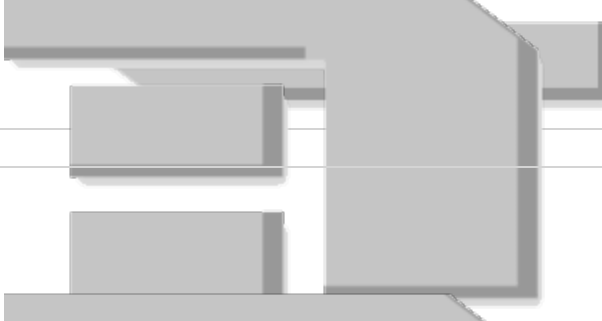
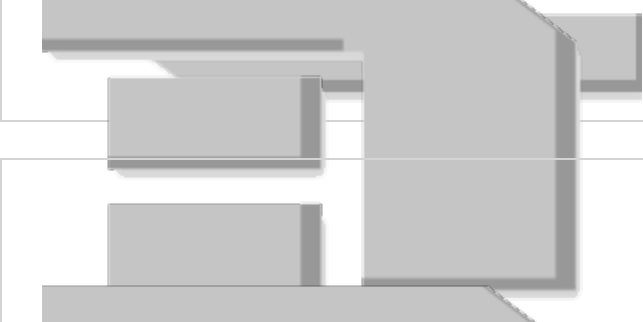
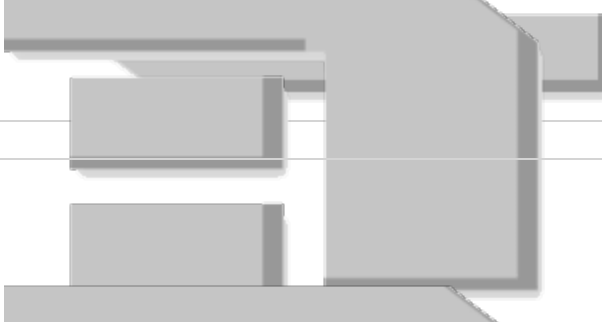
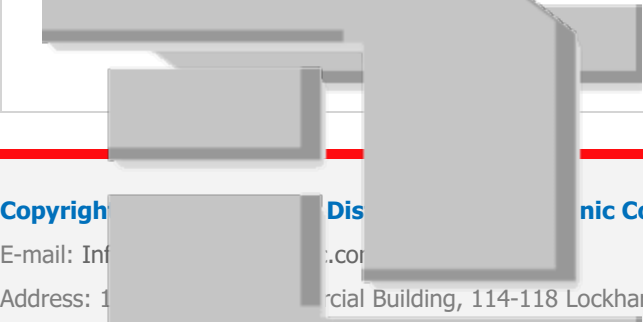
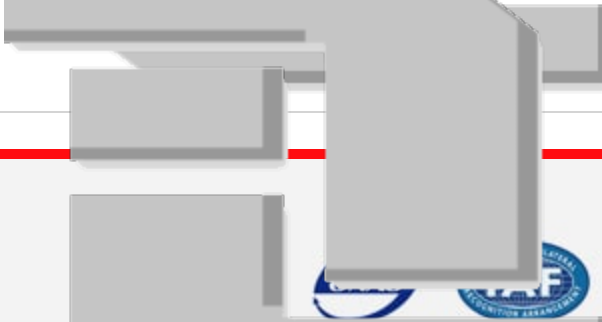
Specifications of LM3S9790-IBZ80-C1T

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S9790-IBZ80-C1T                                                                                                      |
| MANUFACTURER                     | N/A                                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 108BGA                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 4957 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                         | 64K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 128KB (128K 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                    | 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 128KB (128K x 8) FLASH 108-BGA (10x10) |
| DATA CONVERTERS                  | A/D 16x10b                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                         |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, Microwire, SPI, SSI, UART/USART, USB OTG                                  |
| BASE PART NUMBER                 | LM3S9790                                                                                                                |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| LM3S9790-IBZ80-C1T               | LM3S9790-IBZ80-C1T Distributor        | LM3S9790-IBZ80-C1T Supplier  |
| LM3S9790-IBZ80-C1T Price         | LM3S9790-IBZ80-C1T Pictures           | LM3S9790-IBZ80-C1T Image     |
| LM3S9790-IBZ80-C1T PDF Datasheet | LM3S9790-IBZ80-C1T Download Datasheet | LM3S9790-IBZ80-C1T Datasheet |
| LM3S9790-IBZ80-C1T Stock         | Buy LM3S9790-IBZ80-C1T                | Buy LM3S9790-IBZ80-C1T       |
| LM3S9790-IBZ80-C1T               | Supplier                              | Distributor                  |

Related Products

|                                                                                    |                                                                                                                                                |                                                                                      |                                                                                                                                               |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>LM3S9781-IQC80-C5T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 6688 pcs</p> <p>RFQ</p> |  | <p><b>LM3S9790-IBZ80-C1</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 3193 pcs</p> <p>RFQ</p>  |
|  | <p><b>LM3S9790-IQC80-C0</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 8233 pcs</p> <p>RFQ</p>  |  | <p><b>LM3S9781-IBZ80-C5T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 2891 pcs</p> <p>RFQ</p> |
|  | <p><b>LM3S9790-IQC80-B1</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 12051 pcs</p> <p>RFQ</p> |  | <p><b>LM3S9790-IBZ80-C5T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 4263 pcs</p> <p>RFQ</p> |
|  | <p><b>LM3S9790-IBZ80-C3T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 6392 pcs</p> <p>RFQ</p>  |  | <p><b>LM3S9781-IQC80-C3</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 4695 pcs</p> <p>RFQ</p> |
|  | <p><b>LM3S9781-IQC80-C3T</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 6490 pcs</p> <p>RFQ</p> |  | <p><b>LM3S9790-IBZ80-C3</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 5663 pcs</p> <p>RFQ</p>  |
|  | <p><b>LM3S9790-IBZ80-C5</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 5200 pcs</p> <p>RFQ</p>   |  | <p><b>LM3S9781-IQC80-C5</b></p> <p>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 6874 pcs</p> <p>RFQ</p> |