



LM3S8738-IQC50-A2T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LM3S8738-IQC50-A2T                                                                                           |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 128KB FLASH 100LQFP                                                                             |
| 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.

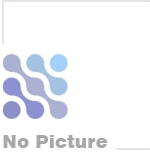
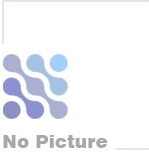
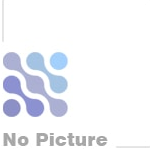
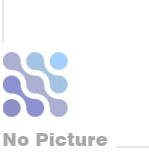
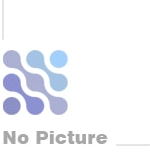
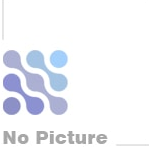
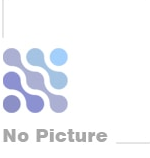
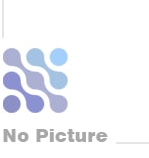
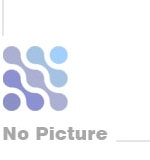
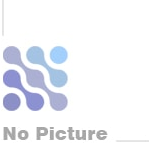
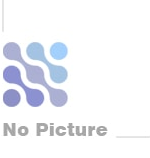
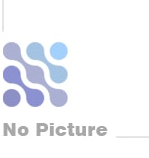
Specifications of LM3S8738-IQC50-A2T

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LM3S8738-IQC50-A2T                                                                                                       |
| MANUFACTURER                     | N/A                                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 100LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                       |                                                                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.25 V ~ 2.75 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                                                         |
| SPEED                            | 50MHz                                                                                                                    |
| SERIES                           | Stellaris® ARM® Cortex®-M3S 8000                                                                                         |
| RAM SIZE                         | 64K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 100-LQFP                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| NUMBER OF I/O                    | 38                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 20 Weeks                                                                                                                 |
| 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 128KB (128K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                |
| CORE SIZE                        | 32-Bit                                                                                                                   |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                          |
| CONNECTIVITY                     | CANbus, Ethernet, I²C, IrDA, Microwire, SPI, SSI, UART/USART                                                             |
| BASE PART NUMBER                 | LM3S8738                                                                                                                 |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| LM3S8738-IQC50-A2T               | LM3S8738-IQC50-A2T Distributor        | LM3S8738-IQC50-A2T Supplier  |
| LM3S8738-IQC50-A2T Price         | LM3S8738-IQC50-A2T Pictures           | LM3S8738-IQC50-A2T Image     |
| LM3S8738-IQC50-A2T PDF Datasheet | LM3S8738-IQC50-A2T Download Datasheet | LM3S8738-IQC50-A2T Datasheet |
| LM3S8738-IQC50-A2T Stock         | Buy LM3S8738-IQC50-A2T                | Buy LM3S8738-IQC50-A2T       |
| LM3S8738-IQC50-A2T               | Supplier                              | Distributor                  |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>LM3S8738-IBZ50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 5689 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>LM3S8738-IBZ50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 108BGA<br/>In stock: 4316 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LM3S8930-EQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5385 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>LM3S8930-IBZ50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 5921 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LM3S8738-EQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 5120 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>LM3S8930-IBZ50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 108BGA<br/>In stock: 4700 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>LM3S8933-EQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5693 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>LM3S8738-IQC50-A2</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 3846 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>LM3S8733-IQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 4518 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LM3S8738-EQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 5291 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>LM3S8930-IQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5827 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>LM3S8930-EQC50-A2T</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 4685 pcs<br/><div>RFQ</div></div> |