



LAPIS Semiconductor



ML610Q432A-NNNTC0AGL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ML610Q432A-NNNTC0AGL                                                                                         |
| Manufacturer/Brand: | LAPIS Semiconductor                                                                                          |
| Product description | IC MCU 8BIT 64KB FLASH 144LQFP                                                                               |
| Datasheets:         |  ML610Q432A-NNNTC0AGL.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15518 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

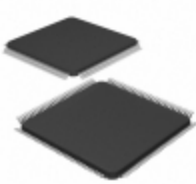
Specifications of ML610Q432A-NNNTC0AGL

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ML610Q432A-NNNTC0AGL                                                                                         |
| MANUFACTURER                     | LAPIS Semiconductor                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 144LQFP                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| QUANTITY AVAILABLE               | 15518 pcs                                                                                                    |
| DATA SHEET                       |  ML610Q432A-NNNTC0AGL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.1 V ~ 3.6 V                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                                             |
| SPEED                            | 4.2MHz                                                                                                       |
| SERIES                           | ML610400                                                                                                     |
| RAM SIZE                         | 3K x 8                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                        |
| PROGRAM MEMORY SIZE              | 64KB (32K x 16)                                                                                              |
| PERIPHERALS                      | LCD, Melody Driver, POR, PWM, WDT                                                                            |
| PACKAGING                        | Tray                                                                                                         |
| PACKAGE / CASE                   | 144-LQFP                                                                                                     |
| OTHER NAMES                      | ML610Q432A-NNNTC0<br>ML610Q432ANNNTC0AGL                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                     |
| OPERATING TEMPERATURE            | -20°C ~ 70°C (TA)                                                                                            |
| NUMBER OF I/O                    | 14                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| EEPROM SIZE                      | -                                                                                                            |
| DETAILED DESCRIPTION             | nX-U8/100 ML610400 Microcontroller IC 8-Bit 4.2MHz 64KB (32K x 16) FLASH 144-LQFP (20x20)                    |
| DATA CONVERTERS                  | A/D 2x12b, 2x24b                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                        |
| CORE PROCESSOR                   | nX-U8/100                                                                                                    |
| CONNECTIVITY                     | I <sup>2</sup> C, SSP, UART/USART                                                                            |
| BASE PART NUMBER                 | ML610Q432                                                                                                    |

Related Tags

|                                          |                                         |                                              |
|------------------------------------------|-----------------------------------------|----------------------------------------------|
| LAPIS Semiconductor ML610Q432A-NNNTC0AGL | ML610Q432A-NNNTC0AGL Distributor        | ML610Q432A-NNNTC0AGL Supplier                |
| ML610Q432A-NNNTC0AGL Price               | ML610Q432A-NNNTC0AGL Pictures           | ML610Q432A-NNNTC0AGL Image                   |
| ML610Q432A-NNNTC0AGL PDF Datasheet       | ML610Q432A-NNNTC0AGL Download Datasheet | ML610Q432A-NNNTC0AGL Datasheet               |
| ML610Q432A-NNNTC0AGL Stock               | Buy ML610Q432A-NNNTC0AGL                | Buy LAPIS Semiconductor ML610Q432A-NNNTC0AGL |
| LAPIS Semiconductor ML610Q432A-NNNTC0AGL | LAPIS Semiconductor Supplier            | LAPIS Semiconductor Distributor              |
| LAPIS Semiconductor ML610Q432A-NNNTC0AGL | Kionix Inc. ML610Q432A-NNNTC0AGL        | Rohm Semiconductor ML610Q432A-NNNTC0AGL      |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>ML610Q429-NNNTBZ0AL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 48KB FLASH 128TQFP<br/>In stock: 19837 pcs<br/><div>RFQ</div></div>  |  <div><b>ML610Q431 REFBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q431<br/>In stock: 4680 pcs<br/><div>RFQ</div></div>               |
|  <div><b>ML610Q436 REFBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q436<br/>In stock: 1633 pcs<br/><div>RFQ</div></div>               |  <div><b>ML610Q435 REFBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q435<br/>In stock: 5144 pcs<br/><div>RFQ</div></div>               |
|  <div><b>ML610Q435A-NNNTC03A7</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 96KB FLASH 144LQFP<br/>In stock: 5467 pcs<br/><div>RFQ</div></div>  |  <div><b>ML610Q431-NNNTCZ03A</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 144LQFP<br/>In stock: 8800 pcs<br/><div>RFQ</div></div>   |
|  <div><b>ML610Q432 REFBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q432<br/>In stock: 6803 pcs<br/><div>RFQ</div></div>               |  <div><b>ML610Q435A-NNNTC0AGL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 96KB FLASH 144LQFP<br/>In stock: 4252 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ML610Q432A-NNNTC03A7</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 144LQFP<br/>In stock: 5919 pcs<br/><div>RFQ</div></div>  |  <div><b>ML610Q436A-NNNTC03A7</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 96KB FLASH 144LQFP<br/>In stock: 7018 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ML610Q435A-NNNTC0AAL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 96KB FLASH 144LQFP<br/>In stock: 14673 pcs<br/><div>RFQ</div></div> |  <div><b>ML610Q431-NNNTCZ0AGL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 144LQFP<br/>In stock: 14387 pcs<br/><div>RFQ</div></div> |