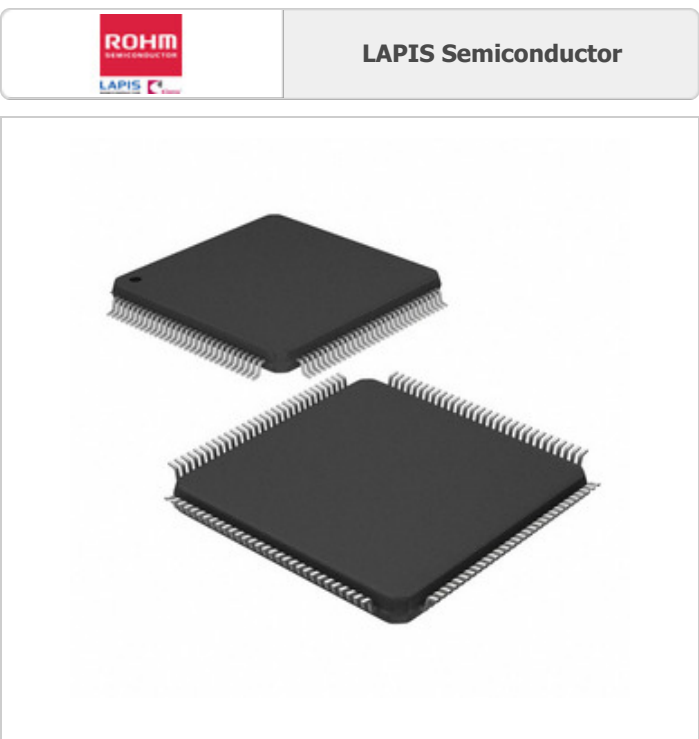




## ML610Q422-NNNTBZ03A7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ML610Q422-NNNTBZ03A7                                                                                         |
| Manufacturer/Brand: | LAPIS Semiconductor                                                                                          |
| Product description | IC MCU 8BIT 32KB FLASH 120TQFP                                                                               |
| Datasheets:         | <a href="#">1.ML610Q422-NNNTBZ03A7.pdf</a><br><a href="#">2.ML610Q422-NNNTBZ03A7.pdf</a>                     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2979 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

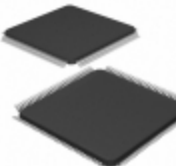
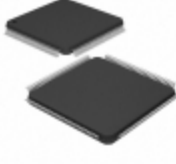
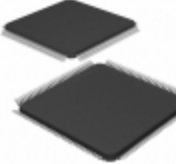
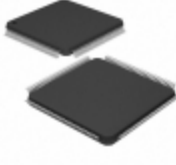
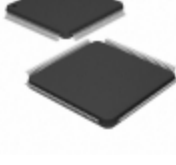
### Specifications of ML610Q422-NNNTBZ03A7

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | ML610Q422-NNNTBZ03A7                                                                      |
| MANUFACTURER                     | LAPIS Semiconductor                                                                       |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 120TQFP                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| QUANTITY AVAILABLE               | 2979 pcs                                                                                  |
| DATA SHEET                       | <a href="#">1.ML610Q422-NNNTBZ03A7.pdf</a><br><a href="#">2.ML610Q422-NNNTBZ03A7.pdf</a>  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.1 V ~ 3.6 V                                                                             |
| SUPPLIER DEVICE PACKAGE          | 120-TQFP (14x14)                                                                          |
| SPEED                            | 4.2MHz                                                                                    |
| SERIES                           | ML610400                                                                                  |
| RAM SIZE                         | 2K x 8                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                     |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                           |
| PERIPHERALS                      | LCD, Melody Driver, POR, PWM, WDT                                                         |
| PACKAGING                        | Tray                                                                                      |
| PACKAGE / CASE                   | 120-TQFP                                                                                  |
| 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 32KB (16K x 16) FLASH 120-TQFP (14x14) |
| DATA CONVERTERS                  | A/D 2x12b, 2x24b                                                                          |
| CORE SIZE                        | 8-Bit                                                                                     |
| CORE PROCESSOR                   | nX-U8/100                                                                                 |
| CONNECTIVITY                     | I²C, SSP, UART/USART                                                                      |
| BASE PART NUMBER                 | ML610Q42*                                                                                 |

### Related Tags

|                                          |                                         |                                              |
|------------------------------------------|-----------------------------------------|----------------------------------------------|
| LAPIS Semiconductor ML610Q422-NNNTBZ03A7 | ML610Q422-NNNTBZ03A7 Distributor        | ML610Q422-NNNTBZ03A7 Supplier                |
| ML610Q422-NNNTBZ03A7 Price               | ML610Q422-NNNTBZ03A7 Pictures           | ML610Q422-NNNTBZ03A7 Image                   |
| ML610Q422-NNNTBZ03A7 PDF Datasheet       | ML610Q422-NNNTBZ03A7 Download Datasheet | ML610Q422-NNNTBZ03A7 Datasheet               |
| ML610Q422-NNNTBZ03A7 Stock               | Buy ML610Q422-NNNTBZ03A7                | Buy LAPIS Semiconductor ML610Q422-NNNTBZ03A7 |
| LAPIS Semiconductor ML610Q422-NNNTBZ03A7 | LAPIS Semiconductor Supplier            | LAPIS Semiconductor Distributor              |
| LAPIS Semiconductor ML610Q422-NNNTBZ03A7 | Kionix Inc. ML610Q422-NNNTBZ03A7        | Rohm Semiconductor ML610Q422-NNNTBZ03A7      |

### Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ML610Q421P-NNNTBZ0AA</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 120TQFP<br/>In stock: 15345 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>ML610Q428-NNNTBZ0AL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 48KB FLASH 128TQFP<br/>In stock: 22315 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>ML610Q422P-NNNTBZ03A</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 120TQFP<br/>In stock: 15337 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>ML610Q429 REFBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q429/ML610Q429P<br/>In stock: 4351 pcs<br/><b>RFQ</b></div>    |
| <div></div> <div><b>ML610Q421 REFBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q421/ML610Q421P<br/>In stock: 2960 pcs<br/><b>RFQ</b></div>    | <div></div> <div><b>ML610Q428-NNNTBZ03A7</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 48KB FLASH 128TQFP<br/>In stock: 2718 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>ML610Q421-NNNTBZ03A7</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 120TQFP<br/>In stock: 4475 pcs<br/><b>RFQ</b></div>  | <div></div> <div><b>ML610Q428 REFBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q428/ML610Q428P<br/>In stock: 1396 pcs<br/><b>RFQ</b></div>    |
| <div></div> <div><b>ML610Q422P-NNNTB0ARL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 120TQFP<br/>In stock: 25995 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>ML610Q421P-NNNTB0ARL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 120TQFP<br/>In stock: 27058 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>ML610Q412P-NNNTB0ARL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 16KB FLASH 120TQFP<br/>In stock: 23603 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>ML610Q422 REFBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q422/ML610Q422P<br/>In stock: 4690 pcs<br/><b>RFQ</b></div>    |