

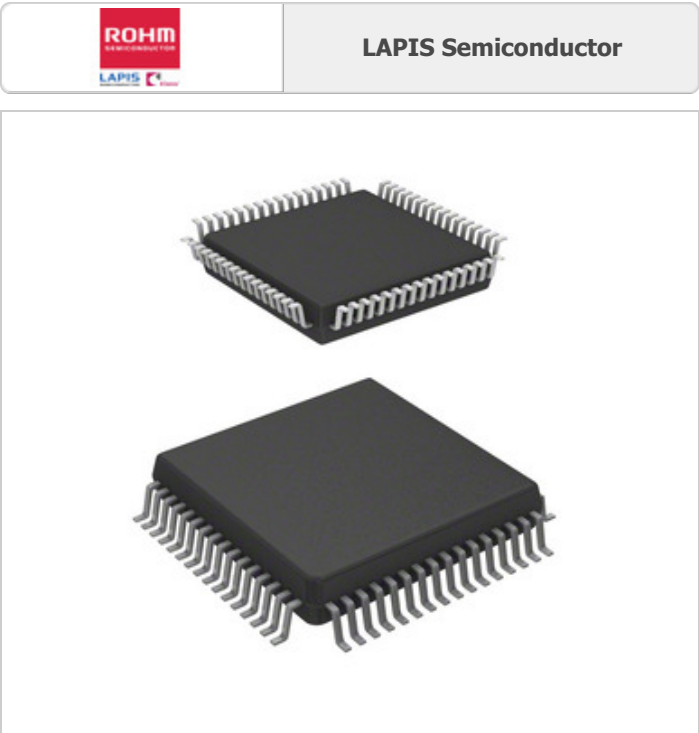


Image may be representation. See specifications for product details.

ML610Q172-NNNGAZWAX

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ML610Q172-NNNGAZWAX                                                                                          |
| Manufacturer/Brand: | LAPIS Semiconductor                                                                                          |
| Product description | IC MCU 8BIT 128KB FLASH 64QFP                                                                                |
|                     | <a href="#">1.ML610Q172-NNNGAZWAX.pdf</a>                                                                    |
|                     | <a href="#">2.ML610Q172-NNNGAZWAX.pdf</a>                                                                    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

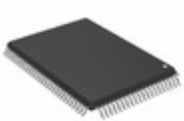
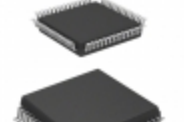
Specifications of ML610Q172-NNNGAZWAX

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | ML610Q172-NNNGAZWAX                                                                    |
| MANUFACTURER                     | LAPIS Semiconductor                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 64QFP                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| DATA SHEET                       | <a href="#">1.ML610Q172-NNNGAZWAX.pdf</a><br><a href="#">2.ML610Q172-NNNGAZWAX.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 5.5 V                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-QFP                                                                                 |
| SPEED                            | 8MHz                                                                                   |
| SERIES                           | ML610100                                                                               |
| RAM SIZE                         | 4K x 8                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (64K x 16)                                                                       |
| PERIPHERALS                      | LCD, POR, PWM, WDT                                                                     |
| PACKAGING                        | Tray                                                                                   |
| PACKAGE / CASE                   | 64-BQFP                                                                                |
| OTHER NAMES                      | ML610Q172-NNNGAZW<br>ML610Q172-NNNGAZW-ND<br>ML610Q172-NNNGAZWAAL                      |
| OSCILLATOR TYPE                  | Internal                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                      |
| NUMBER OF I/O                    | 45                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| EEPROM SIZE                      | -                                                                                      |
| DETAILED DESCRIPTION             | nX-U8/100 ML610100 Microcontroller IC 8-Bit 8MHz 128KB (64K x 16) FLASH 64-QFP         |
| DATA CONVERTERS                  | A/D 12x10b                                                                             |
| CORE SIZE                        | 8-Bit                                                                                  |
| CORE PROCESSOR                   | nX-U8/100                                                                              |
| CONNECTIVITY                     | I <sup>2</sup> C, SSP, UART/USART                                                      |

Related Tags

|                                         |                                        |                                             |
|-----------------------------------------|----------------------------------------|---------------------------------------------|
| LAPIS Semiconductor ML610Q172-NNNGAZWAX | ML610Q172-NNNGAZWAX Distributor        | ML610Q172-NNNGAZWAX Supplier                |
| ML610Q172-NNNGAZWAX Price               | ML610Q172-NNNGAZWAX Pictures           | ML610Q172-NNNGAZWAX Image                   |
| ML610Q172-NNNGAZWAX PDF Datasheet       | ML610Q172-NNNGAZWAX Download Datasheet | ML610Q172-NNNGAZWAX Datasheet               |
| ML610Q172-NNNGAZWAX Stock               | Buy ML610Q172-NNNGAZWAX                | Buy LAPIS Semiconductor ML610Q172-NNNGAZWAX |
| LAPIS Semiconductor ML610Q172-NNNGAZWAX | LAPIS Semiconductor Supplier           | LAPIS Semiconductor Distributor             |
| LAPIS Semiconductor ML610Q172-NNNGAZWAX | Kionix Inc. ML610Q172-NNNGAZWAX        | Rohm Semiconductor ML610Q172-NNNGAZWAX      |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>ML610Q178-NNNGAZ0AAL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 128KB FLASH 100QFP<br/>In stock: 764 pcs</p> <p>RFQ</p>   |  <p><b>ML610Q112-NNNTCZ07FL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>ML610Q173-NNNGAZWAX</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 128KB FLASH 64QFP<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>ML610Q174-NNNGAZWAX</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 128KB FLASH 80QFP<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>ML610Q111-NNNTDZ07FL</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: IC MCU 8BIT 24KB FLASH 20TSSOP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>ML610Q111 REFERENCE BOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q111<br/>In stock: Out stock</p> <p>RFQ</p>      |
|  <p><b>ML610Q112REFERENCEBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REFERENCE ML610Q112<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>ML610Q178 REFERENCE BOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q178<br/>In stock: 4 pcs</p> <p>RFQ</p>          |
|  <p><b>ML610Q111REFERENCEBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REFERENCE ML610Q111<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>ML610Q112 REFERENCE BOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q112<br/>In stock: 5 pcs</p> <p>RFQ</p>          |
|  <p><b>ML610Q174 REFERENCE BOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REF ML610Q174<br/>In stock: 2 pcs</p> <p>RFQ</p>           |  <p><b>ML610Q174REFERENCEBOARD</b><br/>Manufacturers: LAPIS Semiconductor<br/>Description: BOARD REFERENCE ML610Q174<br/>In stock: Out stock</p> <p>RFQ</p>  |