



LAPIS Semiconductor



ML610Q431-NNNTCZ03A

Part Number:	ML610Q431-NNNTCZ03A
Manufacturer/Brand:	LAPIS Semiconductor
Product description	IC MCU 8BIT 64KB FLASH 144LQFP
Datasheets:	 ML610Q431-NNNTCZ03A.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8800 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.

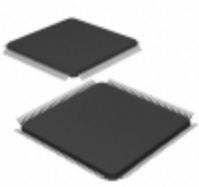
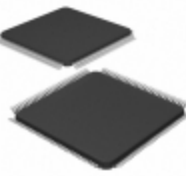
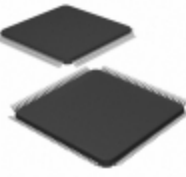
Specifications of ML610Q431-NNNTCZ03A

PART NUMBER	ML610Q431-NNNTCZ03A
MANUFACTURER	LAPIS Semiconductor
DESCRIPTION	IC MCU 8BIT 64KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8800 pcs
DATA SHEET	 ML610Q431-NNNTCZ03A.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	ML610Q431-NNNTCZ03A7 ML610Q431-NNNTCZ03A7-ND ML610Q431-NNNTCZ0AA ML610Q431-NNNTCZ0AA-ND ML610Q431-NNNTCZ0ARL ML610Q431NNNTCZ0AA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-20°C ~ 70°C (TA)
NUMBER OF I/O	22
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	I²C, SSP, UART/USART
BASE PART NUMBER	ML610Q43*

Related Tags

LAPIS Semiconductor ML610Q431-NNNTCZ03A	ML610Q431-NNNTCZ03A Distributor	ML610Q431-NNNTCZ03A Supplier
ML610Q431-NNNTCZ03A Price	ML610Q431-NNNTCZ03A Pictures	ML610Q431-NNNTCZ03A Image
ML610Q431-NNNTCZ03A PDF Datasheet	ML610Q431-NNNTCZ03A Download Datasheet	ML610Q431-NNNTCZ03A Datasheet
ML610Q431-NNNTCZ03A Stock	Buy ML610Q431-NNNTCZ03A	Buy LAPIS Semiconductor ML610Q431-NNNTCZ03A
LAPIS Semiconductor ML610Q431-NNNTCZ03A	LAPIS Semiconductor Supplier	LAPIS Semiconductor Distributor
LAPIS Semiconductor ML610Q431-NNNTCZ03A	Kionix Inc. ML610Q431-NNNTCZ03A	Rohm Semiconductor ML610Q431-NNNTCZ03A

Related Products

 ML610Q432A-NNNTC03A7 Manufacturers: LAPIS Semiconductor Description: IC MCU 8BIT 64KB FLASH 144LQFP In stock: 5919 pcs RFQ	 ML610Q431 REFBOARD Manufacturers: LAPIS Semiconductor Description: BOARD REF ML610Q431 In stock: 4680 pcs RFQ
 ML610Q429-NNNTBZ03A7 Manufacturers: LAPIS Semiconductor Description: IC MCU 8BIT 48KB FLASH 128TQFP In stock: 6915 pcs RFQ	 ML610Q429-NNNTBZ0AL Manufacturers: LAPIS Semiconductor Description: IC MCU 8BIT 48KB FLASH 128TQFP In stock: 19837 pcs RFQ
 ML610Q432 REFBOARD Manufacturers: LAPIS Semiconductor Description: BOARD REF ML610Q432 In stock: 6803 pcs RFQ	 ML610Q432A-NNNTC0AGL Manufacturers: LAPIS Semiconductor Description: IC MCU 8BIT 64KB FLASH 144LQFP In stock: 15518 pcs RFQ
 ML610Q428-NNNTBZ03A7 Manufacturers: LAPIS Semiconductor Description: IC MCU 8BIT 48KB FLASH 128TQFP In stock: 2718 pcs RFQ	 ML610Q435 REFBOARD Manufacturers: LAPIS Semiconductor Description: BOARD REF ML610Q435 In stock: 5144 pcs RFQ
 ML610Q431-NNNTCZ0AGL Manufacturers: LAPIS Semiconductor Description: IC MCU 8BIT 64KB FLASH 144LQFP In stock: 14387 pcs RFQ	 ML610Q428-NNNTBZ0AL Manufacturers: LAPIS Semiconductor Description: IC MCU 8BIT 48KB FLASH 128TQFP In stock: 22315 pcs RFQ
 ML610Q429 REFBOARD Manufacturers: LAPIS Semiconductor Description: BOARD REF ML610Q429/ML610Q429P In stock: 4351 pcs RFQ	 ML610Q435A-NNNTC03A7 Manufacturers: LAPIS Semiconductor Description: IC MCU 8BIT 96KB FLASH 144LQFP In stock: 5467 pcs RFQ