ML610Q431-NNNTCZ03A

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Part Number: ML610Q431-NNNTCZ03A
Manufacturer LAPIS Semiconductor
Description IC MCU 8BIT 64KB FLASH 144LQFP
Data sheet: ML610Q431/Q432

RoHs Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER

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	15299 pcs	**Data sheet**	ML610Q431/Q432
Category	Integrated Circuits (ICs)	**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*

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Part#: ML610Q428 REFBOARD — Manufacturers: LAPIS Semiconductor — RFQ
Description: BOARD REF ML610Q428/ML610Q428P

Part#: ML610Q428-NNNTBZ0AL — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 48KB FLASH 128TQFP

Part#: ML610Q435 REFBOARD — Manufacturers: LAPIS Semiconductor — RFQ
Description: BOARD REF ML610Q435

Part#: ML610Q436A-NNNTC03A7 — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 96KB FLASH 144LQFP

Part#: ML610Q429 REFBOARD — Manufacturers: LAPIS Semiconductor — RFQ
Description: BOARD REF ML610Q429/ML610Q429P

Part#: ML610Q432A-NNNTC03A7 — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 64KB FLASH 144LQFP

Part#: ML610Q422P-NNNTB0ARL — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 32KB FLASH 120TQFP

Part#: ML610Q429-NNNTBZ0AL — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 48KB FLASH 128TQFP

Part#: ML610Q429-NNNTBZ03A7 — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 48KB FLASH 128TQFP

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Description: IC MCU 8BIT 96KB FLASH 144LQFP

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Description: BOARD REF ML610Q432

Part#: ML610Q435A-NNNTC0AGL — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 96KB FLASH 144LQFP

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Description: IC MCU 8BIT 32KB FLASH 120TQFP

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Description: BOARD REF ML610Q436

Part#: ML610Q435A-NNNTC0AAL — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 96KB FLASH 144LQFP

Part#: ML610Q432A-NNNTC0AGL — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 64KB FLASH 144LQFP

Part#: ML610Q431-NNNTCZ0AGL — Manufacturers: LAPIS Semiconductor — RFQ
Description: IC MCU 8BIT 64KB FLASH 144LQFP

Related keywords for **ML610Q431-NNNTCZ03A**

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