

**ML610Q421P-NNNTB0ARL Information**


For Reference Only

**Part Number** [ML610Q421P-NNNTB0ARL](#)  
**Manufacturer** Rohm Semiconductor  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 8BIT 32KB FLASH 120TQFP  
**Package** 120-TQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**ML610Q421P-NNNTB0ARL Specifications**

Manufacturer Part Number	<a href="#">ML610Q421P-NNNTB0ARL</a>
Manufacturer	Rohm Semiconductor
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	120-TQFP
Series	ML610400
Core Processor	nX-U8/100
Core Size	8-Bit
Speed	4.2MHz
Connectivity	I2C, SSP, UART/USART
Peripherals	LCD, Melody Driver, POR, PWM, WDT
Number of I/O	22
Program Memory Size	32KB (16K x 16)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	2K x 8
Voltage - Supply (Vcc/Vdd)	1.1 V ~ 3.6 V
Data Converters	A/D 2x12b, 2x24b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	120-TQFP
Supplier Device Package	120-TQFP (14x14)

[Report errors?](#)

## ML610Q421P-NNNTB0ARL Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## ML610Q421P-NNNTB0ARL Payment Methods



## ML610Q421P-NNNTB0ARL Shipping Methods



If you have any question about ML610Q421P-NNNTB0ARL, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)