



Image may be representation.
See specifications for product details.



AT89C51RB2T-RLTUL

Manufacturer Part Number	AT89C51RB2T-RLTUL
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT89C51RB2T-RLTUL
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 16KB FLASH 44VQFP
Package	44-LQFP
Data sheet	AT89C51RB2T-RLTUL.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT89C51RB2T-RLTUL - Microchip Technology.New Original in Stock. Download Linear Technology AT89C51RB2T-RLTUL datasheet/specifications on AllelcoElec.com. Request a quote for AT89C51RB2T-RLTUL, please send us email: info@allelco.com

Specifications

AT89C51RB2T-RLTUL Tech Specifications
AT89C51RB2T-RLTUL - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-VQFP (10x10)	Number of I/O	32
Speed	40MHz	Mounting Type	Surface Mount
Series	89C	EEPROM Size	-
RAM Size	1.25K x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	16KB (16K x 8)	Core Processor	80C51
Peripherals	POR, PWM, WDT	Connectivity	SPI, UART/USART
Package / Case	44-LQFP	Base Product Number	AT89C51
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT89C51RB2T-RLTUL

Product Attribute				
Part Number	AT89C51RB2T-RLTUL	AT89C51RC-24JC	AT89C51RB2-RLTUL	AT89C51RC-24JI
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	89C	89C	89C	89C
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Program Memory Size	16KB (16K x 8)	32KB (32K x 8)	16KB (16K x 8)	32KB (32K x 8)
Peripherals	POR, PWM, WDT	WDT	POR, PWM, WDT	WDT
EEPROM Size	-	-	-	-
Oscillator Type	External	Internal	External	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Data Converters	-	-	-	-
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	4V ~ 5.5V	2.7V ~ 3.6V	4V ~ 5.5V
RAM Size	1.25K x 8	512 x 8	1.25K x 8	512 x 8
Connectivity	SPI, UART/USART	SPI, UART/USART	SPI, UART/USART	SPI, UART/USART
Supplier Device Package	44-VQFP (10x10)	44-PLCC (16.6x16.6)	44-VQFP (10x10)	44-PLCC (16.6x16.6)
Number of I/O	32	32	32	32
Package / Case	44-LQFP	44-LCC (J-Lead)	44-LQFP	44-LCC (J-Lead)
Core Processor	80C51	8051	80C51	8051
Base Product Number	AT89C51	AT89C51	AT89C51	AT89C51
Package	Tray	Tube	Tray	Tube
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Speed	40MHz	24MHz	40MHz	24MHz

Customers Also Interested in

Recommended Products



AT89C51RC-24JC

Microchip Technology
IC MCU 8BIT 32KB FLASH 44PLCC

AT89C51RB2-RLTUL

Microchip Technology
IC MCU 8BIT 16KB FLASH 44VQFP

AT89C51RC-24JI

Microchip Technology
IC MCU 8BIT 32KB FLASH 44PLCC

AT89C51RB2-SLSIL

Microchip Technology
IC MCU 8BIT 16KB FLASH 44PLCC

AT89C51RB2-SLSIM

Microchip Technology
IC MCU 8BIT 16KB FLASH 44PLCC

AT89C51RC-24AU

Microchip Technology
IC MCU 8BIT 32KB FLASH 44TQFP



AT89C51RB2-RLTCM

Atmel (Microchip Technology)

AT89C51RC-24JJ

Atmel (Microchip Technology)

AT89C51RC-24PU

Atmel
IC MCU 8BIT 32KB FLASH 40PDIL

AT89C51RB2-UM

Atmel (Microchip Technology)

AT89C51RC-24PC

Microchip Technology
IC MCU 8BIT 32KB FLASH 40PDIL

AT89C51RC-24PI 24PU

Atmel (Microchip Technology)



AT89C51RB2-IM PLCC44

Atmel (Microchip Technology)

AT89C51RB2-SLSUM

Microchip Technology
IC MCU 8BIT 16KB FLASH 44PLCC

AT89C51RB2-RLTIL

Microchip Technology
IC MCU 8BIT 16KB FLASH 44VQFP

AT89C51RC-24PI

Microchip Technology
IC MCU 8BIT 32KB FLASH 40PDIL

AT89C51RB2-RLTUM

Microchip Technology
IC MCU 8BIT 16KB FLASH 44VQFP

AT89C51RC-24JU

Microchip Technology
IC MCU 8BIT 32KB FLASH 44PLCC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Email

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Certifications & Memberships



View More



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