



Image may be representation.  
See specifications for product details.



## AT89C51-24PI

Manufacturer Part Number	<b>AT89C51-24PI</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT89C51-24PI
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 4KB FLASH 40DIP
Package	40-DIP (0.600", 15.24mm)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

AT89C51-24PI - Microchip Technology. New Original in Stock. Download Linear Technology AT89C51-24PI datasheet/specifications on AllelcoElec.com.  
Request a quote for AT89C51-24PI, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT89C51-24PI Tech Specifications

AT89C51-24PI - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	4V ~ 6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	40-PDIP	Number of I/O	32
Speed	24MHz	Mounting Type	Through Hole
Series	89C	EEPROM Size	-
RAM Size	128 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	4KB (4K x 8)	Core Processor	80C51
Peripherals	-	Connectivity	UART/USART
Package / Case	40-DIP (0.600", 15.24mm)	Base Product Number	AT89C51
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT89C51-24PI

Product Attribute				
Part Number	AT89C51-24PI	<b>AT89C5115-SISUM</b>	<b>AT89C51-24PC</b>	<b>AT89C51-24PI</b>
Manufacturer	Microchip Technology	Microchip Technology	Atmel	Atmel
Package / Case	40-DIP (0.600", 15.24mm)	28-LCC (J-Lead)	40-DIP (0.600", 15.24mm)	40-DIP (0.600", 15.24mm)
Series	89C	89C	89C	89C
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Voltage - Supply (Vcc/Vdd)	4V ~ 6V	3V ~ 5.5V	4V ~ 6V	4V ~ 6V
Package	Tube	Tube	Tube	Tube
Peripherals	-	POR, PWM, WDT	-	-
Number of I/O	32	20	32	32
Program Memory Size	4KB (4K x 8)	16KB (16K x 8)	4KB (4K x 8)	4KB (4K x 8)
RAM Size	128 x 8	512 x 8	128 x 8	128 x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole
EEPROM Size	-	2K x 8	-	-
Speed	24MHz	40MHz	24MHz	24MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Connectivity	UART/USART	UART/USART	UART/USART	UART/USART
Core Processor	80C51	80C51	80C51	80C51
Data Converters	-	A/D 8x10b	-	-
Supplier Device Package	40-PDIP	28-PLCC (11.51x11.51)	40-PDIP	40-PDIP
Base Product Number	AT89C51	AT89C5115	AT89C51	AT89C51
Oscillator Type	Internal	External	Internal	Internal

### AT89C51-24PI Datasheet PDF

Download AT89C51-24PI pdf datasheets and Microchip Technology documentation for AT89C51-24PI - Microchip Technology.

#### Datasheets



















[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

[Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>AT89C5115-SISUM</b> Microchip Technology IC MCU 8BIT 16KB FLASH 28PLCC	<b>AT89C51-24PC</b> Atmel IC MCU 8BIT 4KB FLASH 40DIP	<b>AT89C51-24PI</b> Atmel IC MCU 8BIT 4KB FLASH 40DIP	<b>AT89C5122DS-RDTUM</b> Microchip Technology IC MCU 8BIT 32KB FLASH 64VQFP	<b>AT89C51-24PC.</b> Atmel (Microchip Technology)	<b>AT89C51-24JI</b> Microchip Technology IC MCU 8BIT 4KB FLASH 44PLCC
					
<b>AT89C51-24PC</b> Microchip Technology IC MCU 8BIT 4KB FLASH 40DIP	<b>AT89C51-24PA</b> Atmel (Microchip Technology)	<b>AT89C51-24JI</b> Atmel IC MCU 8BIT 4KB FLASH 44PLCC	<b>AT89C51-24AI</b> Microchip Technology IC MCU 8BIT 4KB FLASH 44TQFP	<b>AT89C5115-TISUM</b> Microchip Technology IC MCU 8BIT 16KB FLASH 28SOIC	<b>AT89C51-24JC</b> Microchip Technology IC MCU 8BIT 4KB FLASH 44PLCC
					
<b>AT89C51-24I</b> Atmel (Microchip Technology)	<b>AT89C51-24QC</b> Atmel (Microchip Technology)	<b>AT89C5121-IL</b> AT	<b>AT89C5122D-RDVIM</b> Microchip Technology IC MCU 8BIT 32KB FLASH 64LQFP	<b>AT89C5122D-PSFIM</b> Atmel (Microchip Technology)	<b>AT89C5122D-IM</b> ATMELSEMI

## 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

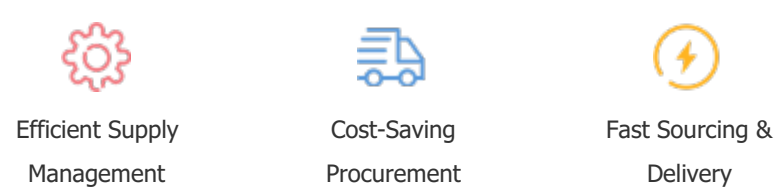
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

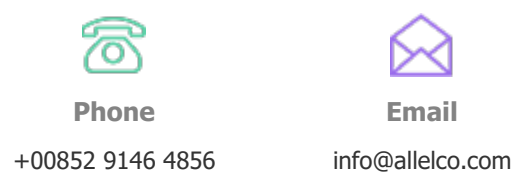
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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