



Image may be representation.  
See specifications for product details.



## AT89S51-24PI

Manufacturer Part Number	<b>AT89S51-24PI</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT89S51-24PI
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 4KB FLASH 40DIP
Package	40-DIP (0.600", 15.24mm)
Data sheet	<b>AT89S51.pdf</b>

**Get a Quote**

AT89S51-24PI - Microchip Technology. New Original in Stock. Download Linear Technology AT89S51-24PI datasheet/specifications on AllelcoElec.com.  
Request a quote for AT89S51-24PI, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AT89S51-24PI Tech Specifications

AT89S51-24PI - 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 ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	40-PDIP	Number of I/O	32
Speed	24MHz	Mounting Type	Through Hole
Series	89S	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	8051
Peripherals	WDT	Connectivity	UART/USART
Package / Case	40-DIP (0.600", 15.24mm)	Base Product Number	AT89S51
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT89S51-24PI

Product Attribute				
Part Number	AT89S51-24PI	AT89S52-24AI	AT89S52-24JC	AT89S51-24PC
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Peripherals	WDT	WDT	WDT	WDT
Package	Tube	Tray	Tube	Tube
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	128 x 8	256 x 8	256 x 8	128 x 8
Speed	24MHz	24MHz	24MHz	24MHz
Connectivity	UART/USART	UART/USART	UART/USART	UART/USART
Package / Case	40-DIP (0.600", 15.24mm)	44-TQFP	44-LCC (J-Lead)	40-DIP (0.600", 15.24mm)
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V
Number of I/O	32	32	32	32
EEPROM Size	-	-	-	-
Base Product Number	AT89S51	AT89S52	AT89S52	AT89S51
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	8051	8051	8051	8051
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Data Converters	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Program Memory Size	4KB (4K x 8)	8KB (8K x 8)	8KB (8K x 8)	4KB (4K x 8)
Supplier Device Package	40-PDIP	44-TQFP (10x10)	44-PLCC (16.6x16.6)	40-PDIP
Series	89S	89S	89S	89S
Oscillator Type	Internal	Internal	Internal	Internal

### AT89S51-24PI Datasheet PDF

Download AT89S51-24PI pdf datasheets and Microchip Technology documentation for AT89S51-24PI - Microchip Technology.

#### Datasheets

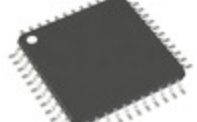

















AT89S51.pdf

#### PCN Packaging

Transfer to Microchip/Label/Pkg 5/Sep/2016.pdf

## Customers Also Interested in

### Recommended Products

					
<b>AT89S52-24AI</b> Microchip Technology IC MCU 8BIT 8KB FLASH 44TQFP	<b>AT89S52-24JC</b> Microchip Technology IC MCU 8BIT 8KB FLASH 44PLCC	<b>AT89S51-24PC</b> Microchip Technology IC MCU 8BIT 4KB FLASH 40DIP	<b>AT89S51-24JU</b> Microchip Technology IC MCU 8BIT 4KB FLASH 44PLCC	<b>AT89S5124JI</b> Atmel (Microchip Technology)	<b>AT89S51-24JI</b> Atmel IC MCU 8BIT 4KB FLASH 44PLCC
					
<b>AT89S52-24AU</b> Microchip Technology IC MCU 8BIT 8KB FLASH 44TQFP	<b>AT89S51-24PU</b> Microchip Technology IC MCU 8BIT 4KB FLASH 40DIP	<b>AT89S51-24AU</b> Atmel IC MCU 8BIT 4KB FLASH 44TQFP	<b>AT89S51-24AI</b> Microchip Technology IC MCU 8BIT 4KB FLASH 44TQFP	<b>AT89S51-24AU</b> Microchip Technology IC MCU 8BIT 4KB FLASH 44TQFP	<b>AT89S51-24JI</b> Microchip Technology IC MCU 8BIT 4KB FLASH 44PLCC
					
<b>AT89S51-24PU</b> Atmel IC MCU 8BIT 4KB FLASH 40DIP	<b>AT89S51-24JC</b> Microchip Technology IC MCU 8BIT 4KB FLASH 44PLCC	<b>AT89S52-24AC</b> Microchip Technology IC MCU 8BIT 8KB FLASH 44TQFP	<b>AT89S52-24AUR</b> Microchip Technology IC MCU 8BIT 8KB FLASH 44TQFP	<b>AT89S51-24JU</b> Atmel IC MCU 8BIT 4KB FLASH 44PLCC	<b>AT89S52-24JC</b> Atmel IC MCU 8BIT 8KB 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.

-  Phone  
+00852 9146 4856
-  Email  
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### Certifications & Memberships



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### Contact us

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