


## AT89S52-24JI

Manufacturer Part Number	<b>AT89S52-24JI</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT89S52-24JI
ECAD Model	 Request Free CAD Models
Parts Description	IC MCU 8BIT 8KB FLASH 44PLCC
Package	44-LCC (J-Lead)
Data sheet	<b>AT89S52.pdf</b>


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AT89S52-24JI - Microchip Technology. New Original in Stock. Download Linear Technology AT89S52-24JI datasheet/specifications on AllelcoElec.com.  
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### Specifications





AT89S52-24JI Tech Specifications

AT89S52-24JI - 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	44-PLCC (16.6x16.6)	Number of I/O	32
Speed	24MHz	Mounting Type	Surface Mount
Series	89S	EEPROM Size	-
RAM Size	256 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (8K x 8)	Core Processor	8051
Peripherals	WDT	Connectivity	UART/USART
Package / Case	44-LCC (J-Lead)	Base Product Number	AT89S52
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT89S52-24JI

Product Attribute	 NO PICTURE			
Part Number	AT89S52-24JI	<a href="#">AT89S52-24PI</a>	<a href="#">AT89S52-24PU</a>	<a href="#">AT89S52-24JC</a>
Manufacturer	Microchip Technology	Atmel	Microchip Technology	Atmel
Core Processor	8051	8051	8051	8051
Package	Tube	Tube	Tube	Tube
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	256 x 8	256 x 8	256 x 8	256 x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	-	-	-	-
EEPROM Size	-	-	-	-
Connectivity	UART/USART	UART/USART	UART/USART	UART/USART
Base Product Number	AT89S52	AT89S52	AT89S52	AT89S52
Peripherals	WDT	WDT	WDT	WDT
Speed	24MHz	24MHz	24MHz	24MHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Voltage - Supply (Vcc/Vdd)	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V	4V ~ 5.5V
Package / Case	44-LCC (J-Lead)	40-DIP (0.600", 15.24mm)	40-DIP (0.600", 15.24mm)	44-LCC (J-Lead)
Series	89S	89S	89S	89S
Supplier Device Package	44-PLCC (16.6x16.6)	40-PDIP	40-PDIP	44-PLCC (16.6x16.6)
Program Memory Size	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Number of I/O	32	32	32	32


### AT89S52-24JI Datasheet PDF


Download AT89S52-24JI pdf datasheets and Microchip Technology documentation for AT89S52-24JI - Microchip Technology.

#### Datasheets


[AT89S52.pdf](#)

#### PCN Packaging


[MBB/Label Chgs 16/Nov/2018.pdf](#)


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















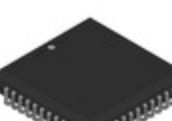



#### PCN Design/Specification

PCN Assembly/Origin

Mult Devices Assembly 04/Apr/2018.pdf

Customers Also Interested in

Recommended Products

					
<b>AT89S52-24U</b> Atmel (Microchip Technology)	<b>AT89S5124PC</b> Atmel (Microchip Technology)	<b>AT89S52-24PI</b> Atmel IC MCU 8BIT 8KB FLASH 40DIP	<b>AT89S52-24PU</b> Microchip Technology IC MCU 8BIT 8KB FLASH 40DIP	<b>AT89S52-33JC</b> Atmel (Microchip Technology)	<b>AT89S52-24JC</b> Atmel IC MCU 8BIT 8KB FLASH 44PLCC
					
<b>AT89S51-24PU</b> Atmel IC MCU 8BIT 4KB FLASH 40DIP	<b>AT89S5124JI</b> Atmel (Microchip Technology)	<b>AT89S52-24PI</b> Microchip Technology IC MCU 8BIT 8KB FLASH 40DIP	<b>AT89S52-24AU</b> Microchip Technology IC MCU 8BIT 8KB FLASH 44TQFP	<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>AT89S51-24PU</b> Microchip Technology IC MCU 8BIT 4KB FLASH 40DIP	<b>AT89S52-24JU</b> Microchip Technology IC MCU 8BIT 8KB FLASH 44PLCC	<b>AT89S52-24JU</b> Atmel IC MCU 8BIT 8KB 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>AT89S52-24PC</b> Microchip Technology IC MCU 8BIT 8KB FLASH 40DIP

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 -

		
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Contact us if you have any questions.

	
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Certifications & Memberships



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com