



Image may be representation.
See specifications for product details.



AT89S52-24AU

Manufacturer Part Number	AT89S52-24AU
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT89S52-24AU
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 8KB FLASH 44TQFP
Package	44-TQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT89S52-24AU - Microchip Technology. New Original in Stock. Download Linear Technology AT89S52-24AU datasheet/specifications on AllelcoElec.com. Request a quote for AT89S52-24AU, please send us email: info@allelco.com

Specifications

AT89S52-24AU Tech Specifications

AT89S52-24AU - 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-TQFP (10x10)	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-TQFP	Base Product Number	AT89S52
Package	Tray		

Parts with Similar Specifications

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

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

AT89S52-24AU Datasheet PDF

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

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

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

PCN Design/Specification



Marking Chgs 11/Jul/2017.pdf



Copper Bonding Wire 17/Oct/2013.pdf

PCN Assembly/Origin



2.73KHz.pdf

Customers Also Interested in

Recommended Products



AT89S52-24JC

Atmel
IC MCU 8BIT 8KB FLASH 44PLCC



AT89S51-24PU

Microchip Technology
IC MCU 8BIT 4KB FLASH 40DIP



AT89S52-24PI

Atmel
IC MCU 8BIT 8KB FLASH 40DIP



AT89S52-24PU

Microchip Technology
IC MCU 8BIT 8KB FLASH 40DIP



AT89S52-24JC

Microchip Technology
IC MCU 8BIT 8KB FLASH 44PLCC



AT89S52-24JU

Microchip Technology
IC MCU 8BIT 8KB FLASH 44PLCC



AT89S51-24JU

Atmel
IC MCU 8BIT 4KB FLASH 44PLCC



AT89S51-24PI

Atmel
IC MCU 8BIT 4KB FLASH 40DIP



AT89S52-24PI

Microchip Technology
IC MCU 8BIT 8KB FLASH 40DIP



AT89S52-24AUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 44TQFP



AT89S52-24JI

Microchip Technology
IC MCU 8BIT 8KB FLASH 44PLCC



AT89S51-24JU

Microchip Technology
IC MCU 8BIT 4KB FLASH 44PLCC



AT89S51-24PC

Microchip Technology
IC MCU 8BIT 4KB FLASH 40DIP



AT89S51-24PI

Microchip Technology
IC MCU 8BIT 4KB FLASH 40DIP



AT89S52-24JU

Atmel
IC MCU 8BIT 8KB FLASH 44PLCC



AT89S52-24PC

Microchip Technology
IC MCU 8BIT 8KB FLASH 40DIP



AT89S52-24AC

Microchip Technology
IC MCU 8BIT 8KB FLASH 44TQFP



AT89S52-24AI

Microchip Technology
IC MCU 8BIT 8KB FLASH 44TQFP

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

info@allelco.com

Certifications & Memberships



View More

