


## AT90S8515-8JI

Manufacturer Part Number	<b>AT90S8515-8JI</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-AT90S8515-8JI
ECAD Model	 Request Free CAD Models
Parts Description	IC MCU 8BIT 8KB FLASH 44PLCC
Package	44-LCC (J-Lead)
Data sheet	<b>AT90S8515.pdf</b>


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AT90S8515-8JI - Microchip Technology. New Original in Stock. Download Linear Technology AT90S8515-8JI datasheet/specifications on AllelcoElec.com.  
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### Specifications





AT90S8515-8JI Tech Specifications

AT90S8515-8JI - 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
Supplier Device Package	44-PLCC (16.6x16.6)	Number of I/O	32
Speed	8MHz	Mounting Type	Surface Mount
Series	AVR® 90S	EEPROM Size	512 x 8
RAM Size	512 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (4K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	SPI, UART/USART
Package / Case	44-LCC (J-Lead)	Base Product Number	AT90S8515
Package	Tube		

### Parts with Similar Specifications


The three parts on the right have similar specifications to Microchip Technology AT90S8515-8JI

Product Attribute	 NO PICTURE			
Part Number	AT90S8515-8JI	<a href="#">AT90S8515A-8AC</a>	<a href="#">AT90S8535-8JI</a>	<a href="#">AT90S8515-4PC</a>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Number of I/O	32	32	32	32
Supplier Device Package	44-PLCC (16.6x16.6)	44-TQFP (10x10)	44-PLCC (16.6x16.6)	40-PDIP
Core Processor	AVR	AVR	AVR	AVR
Program Memory Size	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)
Base Product Number	AT90S8515	AT90S8515	AT90S8535	AT90S8515
Series	AVR® 90S	AVR® 90S	AVR® 90S	AVR® 90S
Connectivity	SPI, UART/USART	SPI, UART/USART	SPI, UART/USART	SPI, UART/USART
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C (TA)	0°C ~ 70°C
Speed	8MHz	8MHz	8MHz	4MHz
Package / Case	44-LCC (J-Lead)	44-TQFP	44-LCC (J-Lead)	40-DIP (0.600', 15.24mm)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	512 x 8	512 x 8	512 x 8	512 x 8
Voltage - Supply (Vcc/Vdd)	4V ~ 6V	4V ~ 6V	4V ~ 6V	2.7V ~ 6V
Oscillator Type	Internal	Internal	Internal	Internal
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, WDT
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Package	Tube	Tray	Tube	Tube
Data Converters	-	-	A/D 8x10b	-
EEPROM Size	512 x 8	512 x 8	512 x 8	512 x 8


### AT90S8515-8JI Datasheet PDF

Download AT90S8515-8JI pdf datasheets and Microchip Technology documentation for AT90S8515-8JI - Microchip Technology.

#### Datasheets


[AT90S8515.pdf](#)

#### PCN Packaging


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


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

#### Errata



AT90S8515 Errata.pdf

## Customers Also Interested in

### Recommended Products



**AT90S8515A-8AC**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44TQFP



**AT90S8535-8JI**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44PLCC



**AT90S8515-4PC**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 40DIP



**AT90S8515-8JC**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44PLCC



**AT90S8515A-8PI**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 40DIP



**AT90S8515-8PC**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 40DIP



**AT90S8535-8PC**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 40DIP



**AT90S8515-4JI**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44PLCC



**AT90S8535-8AI**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44TQFP



**AT90S8535-8AC**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44TQFP



**AT90S8515-8AC**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44TQFP



**AT90S8515-8AI**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44TQFP



**AT90S8515-8JU**

Atmel (Microchip Technology)



**AT90S8515-4AC**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44TQFP



**AT90S8515-4PI**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 40DIP



**AT90S8515-4JC**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 44PLCC



**AT90S8515-8PI**

Microchip Technology  
IC MCU 8BIT 8KB FLASH 40DIP



**AT90S8515-4AI**

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

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Email

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## Certifications & Memberships



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