



Image may be representation.
See specifications for product details.



AT90LS8535-4AI

Manufacturer Part Number	AT90LS8535-4AI
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT90LS8535-4AI
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 8KB FLASH 44TQFP
Package	44-TQFP
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

AT90LS8535-4AI - Microchip Technology.New Original in Stock. Download Linear Technology AT90LS8535-4AI datasheet/specifications on AllelcoElec.com.
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Specifications

AT90LS8535-4AI Tech Specifications

AT90LS8535-4AI - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.7V ~ 6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	32
Speed	4MHz	Mounting Type	Surface Mount
Series	AVR@ 90LS	EEPROM Size	512 x 8
RAM Size	512 x 8	Data Converters	A/D 8x10b
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-TQFP	Base Product Number	AT90LS8535
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT90LS8535-4AI

Product Attribute				
Part Number	AT90LS8535-4AI	AT90LS8535-4PI	AT90PWM161-16MN	AT90LS8535-4PC
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Supplier Device Package	44-TQFP (10x10)	40-PDIP	32-QFN (5x5)	40-PDIP
RAM Size	512 x 8	512 x 8	1K x 8	512 x 8
Data Converters	A/D 8x10b	A/D 8x10b	A/D 11x10b; D/A 1x10b	A/D 8x10b
Program Memory Size	8KB (4K x 16)	8KB (4K x 16)	16KB (16K x 8)	8KB (4K x 16)
Base Product Number	AT90LS8535	AT90LS8535	AT90PWM161	AT90LS8535
EEPROM Size	512 x 8	512 x 8	512 x 8	512 x 8
Series	AVR@ 90LS	AVR@ 90LS	AVR@ 90PWM Lighting	AVR@ 90LS
Connectivity	SPI, UART/USART	SPI, UART/USART	SPI	SPI, UART/USART
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C	-40°C ~ 105°C (TA)	0°C ~ 70°C
Package	Tray	Tube	Tray	Tube
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Speed	4MHz	4MHz	16MHz	4MHz
Number of I/O	32	32	20	32
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Core Processor	AVR	AVR	AVR	AVR
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Voltage - Supply (Vcc/Vdd)	2.7V ~ 6V	2.7V ~ 6V	2.7V ~ 5.5V	2.7V ~ 6V
Package / Case	44-TQFP	40-DIP (0.600", 15.24mm)	32-VFQFN Exposed Pad	40-DIP (0.600", 15.24mm)
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

AT90LS8535-4AI Datasheet PDF

Download AT90LS8535-4AI pdf datasheets and Microchip Technology documentation for AT90LS8535-4AI - Microchip Technology.

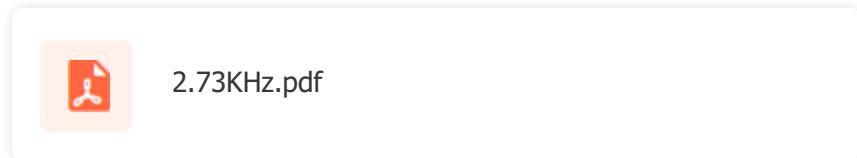
Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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



Customers Also Interested in

Recommended Products

AT90LS8535-4PI Microchip Technology IC MCU 8BIT 8KB FLASH 40DIP	AT90PWM161-16MN Microchip Technology IC MCU 8BIT 16KB FLASH 32QFN	AT90LS8535-4PC Microchip Technology IC MCU 8BIT 8KB FLASH 40DIP	AT90PWM1-16SU Atmel IC MCU 8BIT 8KB FLASH 24SOIC	AT90LS8535-4AC Microchip Technology IC MCU 8BIT 8KB FLASH 44TQFP	AT90LS4433-4AI Microchip Technology IC MCU 8BIT 4KB FLASH 32TQFP
AT90LS4433-4AC Microchip Technology IC MCU 8BIT 4KB FLASH 32TQFP	AT90LS8535-4MI Microchip Technology IC MCU 8BIT 8KB FLASH 44VQFN	AT90LS4433-4PC Microchip Technology IC MCU 8BIT 4KB FLASH 28DIP	AT90LS8535-4JC Microchip Technology IC MCU 8BIT 8KB FLASH 44PLCC	AT90LS8535-4JI Microchip Technology IC MCU 8BIT 8KB FLASH 44PLCC	AT90LS2343A-4PC Atmel (Microchip Technology)
AT90LS4434-4PC AT	AT90PWM1-16SU Microchip Technology IC MCU 8BIT 8KB FLASH 24SOIC	AT90LS4434-4JC Atmel (Microchip Technology)	AT90LS4434-4AI Atmel (Microchip Technology)	AT90LS2343-4SC Microchip Technology IC MCU 8BIT 2KB FLASH 8SOIC	AT90LS4434-4AC AT

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
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Contact us if you have any questions.

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Certifications & Memberships



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