



AT89LS51-16JU

Manufacturer Part Number	AT89LS51-16JU
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT89LS51-16JU
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 4KB FLASH 44PLCC
Package	44-LCC (J-Lead)
Data sheet	AT89LS51.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

AT89LS51-16JU - Microchip Technology.New Original in Stock. Download Linear Technology AT89LS51-16JU datasheet/specifications on AllelcoElec.com.

Request a quote for AT89LS51-16JU, please send us email: info@allelco.com

Specifications

AT89LS51-16JU Tech Specifications

AT89LS51-16JU - 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 ~ 4V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-PLCC (16.6x16.6)	Number of I/O	32
Speed	16MHz	Mounting Type	Surface Mount
Series	89LS	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	44-LCC (J-Lead)	Base Product Number	AT89LS51
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT89LS51-16JU

Product Attribute				
Part Number	AT89LS51-16JU	AT89LP828-20AU	AT89LS52-16PU	AT89LS52-16AC
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Data Converters	-	-	-	-
Program Memory Size	4KB (4K x 8)	8KB (8K x 8)	8KB (8K x 8)	8KB (8K x 8)
Core Processor	8051	8051	8051	8051
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	32	30	32	32
Series	89LS	89LP	89LS	89LS
Connectivity	UART/USART	SPI, UART/USART	UART/USART	UART/USART
Peripherals	WDT	Brown-out Detect/Reset, POR, PWM, WDT	WDT	WDT
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Package	Tube	Tray	Tube	Tray
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Base Product Number	AT89LS51	AT89LP828	AT89LS52	AT89LS52
Speed	16MHz	20MHz	16MHz	16MHz
EEPROM Size	-	1K x 8	-	-
Package / Case	44-LCC (J-Lead)	32-TQFP	40-DIP (0.600", 15.24mm)	44-TQFP
Voltage - Supply (Vcc/Vdd)	2.7V ~ 4V	2.4V ~ 5.5V	2.7V ~ 4V	2.7V ~ 4V
RAM Size	128 x 8	768 x 8	256 x 8	256 x 8
Supplier Device Package	44-PLCC (16.6x16.6)	32-TQFP (7x7)	40-PDIP	44-TQFP (10x10)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)

AT89LS51-16JU Datasheet PDF

Download AT89LS51-16JU pdf datasheets and Microchip Technology documentation for AT89LS51-16JU - Microchip Technology.

Datasheets

AT89LS51.pdf

PCN Packaging

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

Boxes 07/Dec/2016.pdf

PCN Design/Specification



Marking Chgs 11/Jul/2017.pdf



Copper Bonding Wire 06/Nov/2014.pdf

PCN Assembly/Origin



Mult Devices Assembly 04/Apr/2018.pdf

Customers Also Interested in

Recommended Products



AT89LP828-20AU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32TQFP



AT89LS52-16PU

Microchip Technology
IC MCU 8BIT 8KB FLASH 40DIP



AT89LS52-16AC

Microchip Technology
IC MCU 8BIT 8KB FLASH 44TQFP



AT89LS51-16JC

Microchip Technology
IC MCU 8BIT 4KB FLASH 44PLCC



AT89LS51-16PU

Microchip Technology
IC MCU 8BIT 4KB FLASH 40DIP



AT89LS52-16JU

Microchip Technology
IC MCU 8BIT 8KB FLASH 44PLCC



AT89LS52-16AU

Microchip Technology
IC MCU 8BIT 8KB FLASH 44TQFP



AT89LS52-16JU

Atmel
IC MCU 8BIT 8KB FLASH 44PLCC



AT89LS51-16PU

Atmel
IC MCU 8BIT 4KB FLASH 40DIP



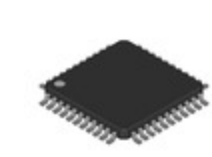
AT89LS51-16AI

Microchip Technology
IC MCU 8BIT 4KB FLASH 44TQFP



AT89LS51-16AC

Microchip Technology
IC MCU 8BIT 4KB FLASH 44TQFP



AT89LS52-16AU

Atmel
IC MCU 8BIT 8KB FLASH 44TQFP



AT89LP6440-20MU

Atmel
IC MCU 8BIT 64KB FLASH 44VQFN



AT89LS51-16AU

Microchip Technology
IC MCU 8BIT 4KB FLASH 44TQFP



AT89LS52-16JI

Microchip Technology
IC MCU 8BIT 8KB FLASH 44PLCC



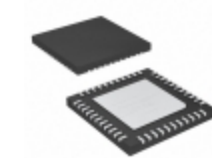
AT89LP6440-20AU

Microchip Technology
IC MCU 8BIT 64KB FLASH 44TQFP



AT89LP52-20PU

Microchip Technology
IC MCU 8BIT 8KB FLASH 40DIP



AT89LP6440-20MU

Microchip Technology
IC MCU 8BIT 64KB FLASH 44VQFN

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

