

Image may be representation.
See specifications for product details.



AT89C2051-12PI

Manufacturer Part Number	AT89C2051-12PI
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT89C2051-12PI
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 2KB FLASH 20DIP
Package	20-DIP (0.300", 7.62mm)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

AT89C2051-12PI - Microchip Technology. New Original in Stock. Download Linear Technology AT89C2051-12PI datasheet/specifications on AllelcoElec.com.
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Specifications

AT89C2051-12PI Tech Specifications
AT89C2051-12PI - 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 (TA)
Supplier Device Package	20-PDIP	Number of I/O	15
Speed	12MHz	Mounting Type	Through Hole
Series	89C	EEPROM Size	-
RAM Size	128 x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	2KB (2K x 8)	Core Processor	8051
Peripherals	LED	Connectivity	UART/USART
Package / Case	20-DIP (0.300", 7.62mm)	Base Product Number	AT89C2051
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT89C2051-12PI

Product Attribute				
Part Number	AT89C2051-12PI	AT89C1051U-24SC	AT89C2051-24PU	AT89C2051-12SU
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Voltage - Supply (Vcc/Vdd)	4V ~ 6V	4V ~ 6V	4V ~ 6V	2.7V ~ 6V
RAM Size	128 x 8	64 x 8	128 x 8	128 x 8
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Program Memory Size	2KB (2K x 8)	1KB (1K x 8)	2KB (2K x 8)	2KB (2K x 8)
Connectivity	UART/USART	UART/USART	UART/USART	UART/USART
Core Processor	8051	8051	8051	8051
Data Converters	-	-	-	-
Speed	12MHz	24MHz	24MHz	12MHz
EEPROM Size	-	-	-	-
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Peripherals	LED	LED	LED	LED
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	15	15	15	15
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	20-PDIP	20-SOIC	20-PDIP	20-SOIC
Package	Tube	Tube	Tube	Tube
Base Product Number	AT89C2051	AT89C1051	AT89C2051	AT89C2051
Package / Case	20-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)	20-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)
Series	89C	89C	89C	89C

AT89C2051-12PI Datasheet PDF

Download AT89C2051-12PI pdf datasheets and Microchip Technology documentation for AT89C2051-12PI - Microchip Technology.

Datasheets



















Cylindrical Battery Holders.pdf

PCN Packaging

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

Customers Also Interested in

Recommended Products

 AT89C1051U-24SC Microchip Technology IC MCU 8BIT 1KB FLASH 20SOIC	 AT89C2051-24PU Microchip Technology IC MCU 8BIT 2KB FLASH 20DIP	 AT89C2051-12SU Microchip Technology IC MCU 8BIT 2KB FLASH 20SOIC	 AT89C1051U-12SC Microchip Technology IC MCU 8BIT 1KB FLASH 20SOIC	 AT89C1051-24PC Atmel (Microchip Technology)	 AT89C2051-12PU Microchip Technology IC MCU 8BIT 2KB FLASH 20DIP
 AT89C2051-12SC Microchip Technology IC MCU 8BIT 2KB FLASH 20SOIC	 AT89C2051-24PC Microchip Technology IC MCU 8BIT 2KB FLASH 20DIP	 AT89C1051-24PI Atmel (Microchip Technology)	 AT89C1051-12PI Atmel (Microchip Technology)	 AT89C2051-24PI Microchip Technology IC MCU 8BIT 2KB FLASH 20DIP	 AT89C2051-20PI Atmel (Microchip Technology)
 AT89C2051 Atmel (Microchip Technology)	 AT89C1051-24SC Microchip Technology IC MCU 8BIT 1KB FLASH 20SOIC	 AT89C2051-12SI Microchip Technology IC MCU 8BIT 2KB FLASH 20SOIC	 AT89C2051-12PC Microchip Technology IC MCU 8BIT 2KB FLASH 20DIP	 AT89C1051-12PC Atmel (Microchip Technology)	 AT89C2051-24P1 Atmel (Microchip Technology)

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 -



Contact us if you have any questions.



Certifications & Memberships



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