



Image may be representation.
See specifications for product details.



AT90CAN64-16AU

Manufacturer Part Number	AT90CAN64-16AU
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT90CAN64-16AU
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 8BIT 64KB FLASH 64TQFP
Package	64-TQFP
Data sheet	AT90CAN32,64,128 Complete.pdf AT90CAN32,64,128 Summary.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT90CAN64-16AU - Microchip Technology. New Original in Stock. Download Linear Technology AT90CAN64-16AU datasheet/specifications on AllelcoElec.com.
Request a quote for AT90CAN64-16AU, please send us email: info@allelco.com

Specifications

AT90CAN64-16AU Tech Specifications

AT90CAN64-16AU - 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 ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-TQFP (14x14)	Number of I/O	53
Speed	16MHz	Mounting Type	Surface Mount
Series	AVR@ 90CAN	EEPROM Size	2K x 8
RAM Size	4K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	64KB (64K x 8)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	CANbus, EBI/EMI, I ² C, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	AT90CAN64
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT90CAN64-16AU

Product Attribute				
Part Number	AT90CAN64-16AU	AT90CAN64-16AUR	AT90CAN64-15MZ	AT90CAN64-15AT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Oscillator Type	Internal	Internal	Internal	Internal
Package / Case	64-TQFP	64-TQFP	64-VFQFN Exposed Pad	64-TQFP
Series	AVR@ 90CAN	AVR@ 90CAN	Automotive, AEC-Q100, AVR@ 90CAN	Automotive, AEC-Q100, AVR@ 90CAN
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	Surface Mount
Connectivity	CANbus, EBI/EMI, I ² C, SPI, UART/USART	CANbus, EBI/EMI, I ² C, SPI, UART/USART	CANbus, I ² C, SPI, UART/USART	CANbus, I ² C, SPI, UART/USART
Program Memory Size	64KB (64K x 8)	64KB (64K x 8)	64KB (64K x 8)	64KB (64K x 8)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	64-TQFP (14x14)	64-TQFP (14x14)	64-QFN (9x9)	64-TQFP (14x14)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)
EEPROM Size	2K x 8	2K x 8	2K x 8	2K x 8
Base Product Number	AT90CAN64	AT90CAN64	AT90CAN64	AT90CAN64
RAM Size	4K x 8	4K x 8	4K x 8	4K x 8
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Speed	16MHz	16MHz	16MHz	16MHz
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Core Processor	AVR	AVR	AVR	AVR
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Number of I/O	53	53	53	53
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

AT90CAN64-16AU Datasheet PDF

Download AT90CAN64-16AU pdf datasheets and Microchip Technology documentation for AT90CAN64-16AU - Microchip Technology.

Datasheets

[AT90CAN32,64,128 Complete.pdf](#)

[AT90CAN32,64,128 Summary.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 06/Jun/2014.pdf

PCN Assembly/Origin



Mult Devices 04/Mar/2019.pdf

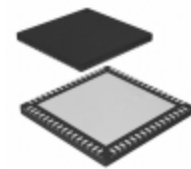
Customers Also Interested in

Recommended Products



AT90CAN64-16AUR

Microchip Technology
IC MCU 8BIT 64KB FLASH 64TQFP



AT90CAN64-15MZ

Microchip Technology
IC MCU 8BIT 64KB FLASH 64QFN



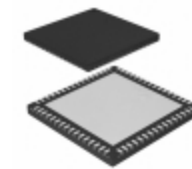
AT90CAN64-15AT

Microchip Technology
IC MCU 8BIT 64KB FLASH 64TQFP



AT90FGH-9TTU

Atmel (Microchip Technology)



AT90CAN64-15MT1

Microchip Technology
IC MCU 8BIT 64KB FLASH 64QFN



AT90CAN64-15M

AT



AT90CAN64-15AT

Atmel
IC MCU 8BIT 64KB FLASH 64TQFP



AT90CAN64-15MUT

Atmel (Microchip Technology)



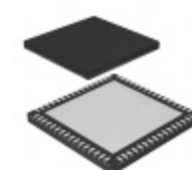
AT90CS12836RCT

Atmel (Microchip Technology)



AT90LS2323-4PC

Microchip Technology
IC MCU 8BIT 2KB FLASH 8DIP



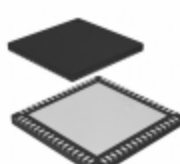
AT90CAN32-16MU

Microchip Technology
IC MCU 8BIT 32KB FLASH 64QFN



AT90LS2323-4PI

Microchip Technology
IC MCU 8BIT 2KB FLASH 8DIP



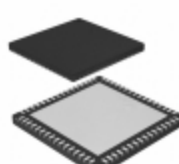
AT90CAN64-15MT

Microchip Technology
IC MCU 8BIT 64KB FLASH 64QFN



AT90CAN64-15MUT1

Atmel (Microchip Technology)



AT90CAN64-16MU

Microchip Technology
IC MCU 8BIT 64KB FLASH 64QFN



AT90CAN64-15AT1

Microchip Technology
IC MCU 8BIT 64KB FLASH 64TQFP



AT90FLM-ICSXM

Atmel (Microchip Technology)



AT90FJR-5VTX

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 -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



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Certifications & Memberships



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