

Image may be representation.
See specifications for product details.



AT90CAN64-15MZ

Manufacturer Part Number	AT90CAN64-15MZ
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT90CAN64-15MZ
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 64KB FLASH 64QFN
Package	64-VFQFN Exposed Pad
Data sheet	AT90CAN32,64,128 Automotive.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT90CAN64-15MZ - Microchip Technology.New Original in Stock. Download Linear Technology AT90CAN64-15MZ datasheet/specifications on AllelcoElec.com.
Request a quote for AT90CAN64-15MZ, please send us email: info@allelco.com

Specifications

AT90CAN64-15MZ Tech Specifications
AT90CAN64-15MZ - 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 ~ 125°C (TA)
Supplier Device Package	64-QFN (9x9)	Number of I/O	53
Speed	16MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, 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, I ² C, SPI, UART/USART
Package / Case	64-VFQFN Exposed Pad	Base Product Number	AT90CAN64
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT90CAN64-15MZ

Product Attribute				
Part Number	AT90CAN64-15MZ	AT90CAN64-16MU	AT90CAN64-15AT	AT90CAN64-15MT1
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Program Memory Size	64KB (64K x 8)	64KB (64K x 8)	64KB (64K x 8)	64KB (64K x 8)
Speed	16MHz	16MHz	16MHz	16MHz
Base Product Number	AT90CAN64	AT90CAN64	AT90CAN64	AT90CAN64
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)
RAM Size	4K x 8	4K x 8	4K x 8	4K x 8
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tape & Reel (TR)
Core Processor	AVR	AVR	AVR	AVR
Number of I/O	53	53	53	53
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	2K x 8	2K x 8	2K x 8	2K x 8
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	64-QFN (9x9)	64-QFN (9x9)	64-TQFP (14x14)	64-QFN (9x9)
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Series	Automotive, AEC-Q100, AVR@ 90CAN	AVR@ 90CAN	Automotive, AEC-Q100, AVR@ 90CAN	Automotive, AEC-Q100, AVR@ 90CAN
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Package / Case	64-VFQFN Exposed Pad	64-VFQFN Exposed Pad	64-TQFP	64-VFQFN Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
Connectivity	CANbus, 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

AT90CAN64-15MZ Datasheet PDF

Download AT90CAN64-15MZ pdf datasheets and Microchip Technology documentation for AT90CAN64-15MZ - Microchip Technology.

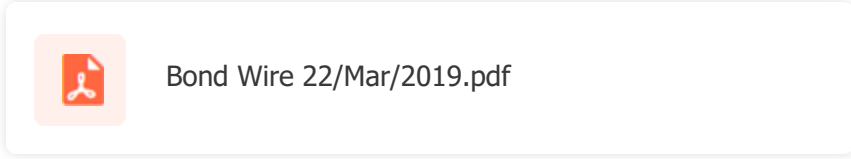
Datasheets

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

PCN Packaging

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

[Tape and Reel Label Update 10/Feb/2015.pdf](#)



Customers Also Interested in

Recommended Products

AT90CAN64-16MU Microchip Technology IC MCU 8BIT 64KB FLASH 64QFN	AT90CAN64-15M AT	AT90CAN64-15MUT Atmel (Microchip Technology)	AT90CAN64-15AT Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP	AT90CAN64-15MT1 Microchip Technology IC MCU 8BIT 64KB FLASH 64QFN	AT90CAN64-15AT Atmel IC MCU 8BIT 64KB FLASH 64TQFP
AT90LS2323-4PC Microchip Technology IC MCU 8BIT 2KB FLASH 8DIP	AT90CAN32-16AU Atmel IC MCU 8BIT 32KB FLASH 64TQFP	AT90CAN64-15MT Microchip Technology IC MCU 8BIT 64KB FLASH 64QFN	AT90FJR-5VTX Atmel (Microchip Technology)	AT90FGH-9TTU Atmel (Microchip Technology)	AT90CAN64-16AU Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP
AT90CS12836RCT Atmel (Microchip Technology)	AT90FLM-ICSXM Atmel (Microchip Technology)	AT90CAN64-15AT1 Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP	AT90CAN64-16AUR Microchip Technology IC MCU 8BIT 64KB FLASH 64TQFP	AT90CAN64-15MUT1 Atmel (Microchip Technology)	AT90CAN32-16MU Microchip Technology IC MCU 8BIT 32KB FLASH 64QFN

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.

<p>Payment Support</p> <p>The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.</p>	<p>Your Faithful Supply Chain Partner -</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Efficient Supply Management</div> <div style="text-align: center;"> Cost-Saving Procurement</div> <div style="text-align: center;"> Fast Sourcing & Delivery</div> </div> <p>Contact us if you have any questions.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Phone +00852 9146 4856</div> <div style="text-align: center;"> Email info@allelco.com</div> </div>	<p>Certifications & Memberships</p> <div style="display: flex; justify-content: space-around;"> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> </div> <p style="text-align: right; font-size: small;">View More</p>
---	---	--

