



Image may be representation.
See specifications for product details.



AT90CAN128-15AZ

Manufacturer Part Number	AT90CAN128-15AZ
Manufacturer	Microchip Technology
Allelco Part Number	32D-AT90CAN128-15AZ
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 128KB FLASH 64TQFP
Package	64-TQFP
Data sheet	AT90CAN32,64,128 Automotive.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AT90CAN128-15AZ - Microchip Technology.New Original in Stock. Download Linear Technology AT90CAN128-15AZ datasheet/specifications on AllelcoElec.com. Request a quote for AT90CAN128-15AZ, please send us email: info@allelco.com

Specifications

AT90CAN128-15AZ Tech Specifications
AT90CAN128-15AZ - 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-TQFP (14x14)	Number of I/O	53
Speed	16MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, AVR@ 90CAN	EEPROM Size	4K x 8
RAM Size	4K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	128KB (128K x 8)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	CANbus, I ² C, SPI, UART/USART
Package / Case	64-TQFP	Base Product Number	AT90CAN128
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology AT90CAN128-15AZ

Product Attribute				
Part Number	AT90CAN128-15AZ	AT90CAN32-15MT1	AT90CAN128-16MU	AT90CAN128-16AU
Manufacturer	Microchip Technology	Atmel	Microchip Technology	Microchip Technology
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Package	Tape & Reel (TR)	Bulk	Tray	Tray
Base Product Number	AT90CAN128	AT90CAN32	AT90CAN128	AT90CAN128
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	64-TQFP (14x14)	64-QFN (9x9)	64-QFN (9x9)	64-TQFP (14x14)
Speed	16MHz	16MHz	16MHz	16MHz
Number of I/O	53	53	53	53
RAM Size	4K x 8	2K x 8	4K x 8	4K x 8
Package / Case	64-TQFP	64-VFQFN Exposed Pad	64-VFQFN Exposed Pad	64-TQFP
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	Automotive, AEC-Q100, AVR@ 90CAN	Automotive, AEC-Q100, AVR@ 90CAN	AVR@ 90CAN	AVR@ 90CAN
Core Processor	AVR	AVR	AVR	AVR
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
Program Memory Size	128KB (128K x 8)	32KB (32K x 8)	128KB (128K x 8)	128KB (128K x 8)
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	4K x 8	1K x 8	4K x 8	4K x 8
Connectivity	CANbus, I ² C, SPI, UART/USART	CANbus, I ² C, SPI, UART/USART	CANbus, EBI/EMI, I ² C, SPI, UART/USART	CANbus, EBI/EMI, I ² C, SPI, UART/USART
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Core Size	8-Bit	8-Bit	8-Bit	8-Bit

AT90CAN128-15AZ Datasheet PDF

Download AT90CAN128-15AZ pdf datasheets and Microchip Technology documentation for AT90CAN128-15AZ - Microchip Technology.

Datasheets


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

PCN Packaging


[MBB/Label Chgs 16/Nov/2018.pdf](#)

[Carrier Tape 12/Apr/2017.pdf](#)

PCN Design/Specification



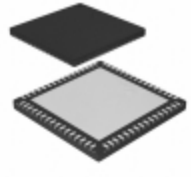





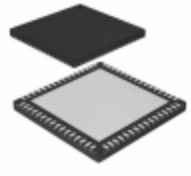


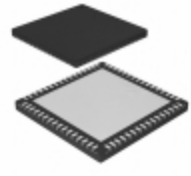


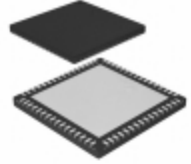



 Marking Chgs 11/Jul/2017.pdf

PCN Assembly/Origin

 AT90CAN 21/Oct/2016.pdf

Customers Also Interested in

Recommended Products

					
AT90CAN32-15MT1 Atmel IC MCU 8BIT 32KB FLASH 64QFN	AT90AG12836RCT-R Atmel (Microchip Technology)	AT90CAN128-16MU Microchip Technology IC MCU 8BIT 128KB FLASH 64QFN	AT90AB12818RCU011-Z Atmel (Microchip Technology)	AT90CAN128-16AU Microchip Technology IC MCU 8BIT 128KB FLASH 64TQFP	AT90CAN128-15AT Microchip Technology IC MCU 8BIT 128KB FLASH 64TQFP
					
AT90AH144144CT-AL Atmel (Microchip Technology)	AT90AB12818 Atmel (Microchip Technology)	AT90CAN128-16MI Microchip Technology IC MCU 8BIT 128KB FLASH 64QFN	AT90CAN32-15MT Atmel IC MCU 8BIT 32KB FLASH 64QFN	AT90CAN128-16AU Atmel IC MCU 8BIT 128KB FLASH 64TQFP	AT90CAN128-15MZ Microchip Technology IC MCU 8BIT 128KB FLASH 64QFN
					
AT90CAN32-15AZ Microchip Technology IC MCU 8BIT 32KB FLASH 64TQFP	AT90CAN128-16AI Microchip Technology IC MCU 8BIT 128KB FLASH 64TQFP	AT90CAN32-15MT Microchip Technology IC MCU 8BIT 32KB FLASH 64QFN	AT90AB12818RCU Atmel (Microchip Technology)	AT90CAN128-15AT1 Microchip Technology IC MCU 8BIT 128KB FLASH 64TQFP	AT90AB12818RCU-Z

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

