

Image may be representation.
See specifications for product details.



ATMEGA88PV-10AUR

Manufacturer Part Number	ATMEGA88PV-10AUR
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATMEGA88PV-10AUR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 8KB FLASH 32TQFP
Package	32-TQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATMEGA88PV-10AUR - Microchip Technology. New Original in Stock. Download Linear Technology ATMEGA88PV-10AUR datasheet/specifications on AllelcoElec.com. Request a quote for ATMEGA88PV-10AUR, please send us email: info@allelco.com

Specifications

ATMEGA88PV-10AUR Tech Specifications
ATMEGA88PV-10AUR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	32-TQFP (7x7)	Number of I/O	23
Speed	10MHz	Mounting Type	Surface Mount
Series	AVR® ATmega	EEPROM Size	512 x 8
RAM Size	1K x 8	Data Converters	A/D 8x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (4K x 16)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Connectivity	I²C, SPI, UART/USART
Package / Case	32-TQFP	Base Product Number	ATMEGA88
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATMEGA88PV-10AUR

Product Attribute				
Part Number	ATMEGA88PV-10AUR	ATMEGA88PB-MU	ATMEGA88PB-MU	ATMEGA88V-10MU
Manufacturer	Microchip Technology	Atmel	Microchip Technology	Microchip Technology
Speed	10MHz	20MHz	20MHz	10MHz
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART	I²C, SPI, UART/USART
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Supplier Device Package	32-TQFP (7x7)	32-VFQFN (5x5)	32-VFQFN (5x5)	32-VQFN (5x5)
Number of I/O	23	27	27	23
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
Package / Case	32-TQFP	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad
RAM Size	1K x 8	1K x 8	1K x 8	1K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	512 x 8	512 x 8	512 x 8	512 x 8
Core Processor	AVR	AVR	AVR	AVR
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package	Tape & Reel (TR)	Bulk	Tray	Tray
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Base Product Number	ATMEGA88	ATMEGA88	ATMEGA88	ATMEGA88
Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V	1.8V ~ 5.5V
Series	AVR® ATmega	AVR® ATmega, Functional Safety (FuSa)	AVR® ATmega, Functional Safety (FuSa)	AVR® ATmega
Program Memory Size	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)	8KB (4K x 16)
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b

ATMEGA88PV-10AUR Datasheet PDF

Download ATMEGA88PV-10AUR pdf datasheets and Microchip Technology documentation for ATMEGA88PV-10AUR - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

[Boxes 07/Dec/2016.pdf](#)

PCN Design/Specification



Cancelled 21/Jun/2016.pdf



Die Rev & Add MFG Location 17/Nov/2015.pdf

PCN Assembly/Origin



2.73KHz.pdf

Customers Also Interested in

Recommended Products



ATMEGA88PB-MU

Atmel
IC MCU 8BIT 8KB FLASH 32VQFN



ATMEGA88PB-MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



ATMEGA88V-10MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



ATMEGA88V-10AI

Microchip Technology
IC MCU 8BIT 8KB FLASH 32TQFP



ATMEGA88PA-MUR

Atmel
IC MCU 8BIT 8KB FLASH 32VQFN



ATMEGA88PV-10AU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32TQFP



ATMEGA88PA-PU

Microchip Technology
IC MCU 8BIT 8KB FLASH 28DIP



ATMEGA88PB-ANR

Microchip Technology
IC MCU 8BIT 8KB FLASH 32TQFP



ATMEGA88V-10MU

Atmel
IC MCU 8BIT 8KB FLASH 32VQFN



ATMEGA88PB-AU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32TQFP



ATMEGA88PV-10MU

Atmel
IC MCU 8BIT 8KB FLASH 32VQFN



ATMEGA88V-10AUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 32TQFP



ATMEGA88V-10PI

Microchip Technology
IC MCU 8BIT 8KB FLASH 28DIP



ATMEGA88PA-MUR

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



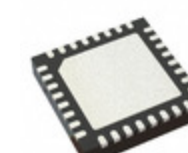
ATMEGA88V-10AU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32TQFP



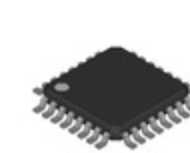
ATMEGA88PA-PU

Atmel
IC MCU 8BIT 8KB FLASH 28DIP



ATMEGA88PV-10MU

Microchip Technology
IC MCU 8BIT 8KB FLASH 32VQFN



ATMEGA88V-10AUR

Atmel
IC MCU 8BIT 8KB FLASH 32TQFP

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

