

Image may be representation.
See specifications for product details.



ATA6617C-P3QW

Manufacturer Part Number	ATA6617C-P3QW
Manufacturer	Microchip Technology
Allelco Part Number	32D-ATA6617C-P3QW
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 16KB FLASH 38VQFN
Package	38-VFQFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ATA6617C-P3QW - Microchip Technology.New Original in Stock. Download Linear Technology ATA6617C-P3QW datasheet/specifications on AllelcoElec.com. Request a quote for ATA6617C-P3QW, please send us email: info@allelco.com

Specifications

ATA6617C-P3QW Tech Specifications
ATA6617C-P3QW - 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 (TC)
Supplier Device Package	38-VQFN (5x7)	Number of I/O	16
Speed	16MHz	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100, AVR® ATA66 LIN-SBC, Functional Safety (FuSa)	EEPROM Size	512 x 8
RAM Size	512 x 8	Data Converters	A/D 11x10b
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	16KB (16K x 8)	Core Processor	AVR
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Connectivity	I²C, LINbus, SPI, UART/USART, USI
Package / Case	38-VFQFN Exposed Pad	Base Product Number	ATA6617
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology ATA6617C-P3QW

Product Attribute				
Part Number	ATA6617C-P3QW	ATA6614Q-PLQW	ATA6617-P3QW	ATA6617C-P3QW-1
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Connectivity	I²C, LINbus, SPI, UART/USART, USI	I²C, LINbus, SPI, UART/USART	I²C, LINbus, SPI, UART/USART, USI	I²C, LINbus, SPI, UART/USART, USI
Base Product Number	ATA6617	ATA6614	ATA6617	ATA6617
Series	Automotive, AEC-Q100, AVR® ATA66 LIN-SBC, Functional Safety (FuSa)	Automotive, AEC-Q100, AVR® ATA66 LIN-SBC, Functional Safety (FuSa)	Automotive, AEC-Q100, AVR® ATA66 LIN-SBC	Automotive, AEC-Q100, AVR® ATA66 LIN-SBC, Functional Safety (FuSa)
EEPROM Size	512 x 8	1K x 8	512 x 8	512 x 8
Voltage - Supply (Vcc/Vdd)	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
RAM Size	512 x 8	2K x 8	512 x 8	512 x 8
Operating Temperature	-40°C ~ 125°C (TC)	-40°C ~ 125°C (TC)	-40°C ~ 125°C (TC)	-40°C ~ 125°C (TC)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, WDT	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
Oscillator Type	Internal	Internal	Internal	Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Speed	16MHz	16MHz	16MHz	16MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Data Converters	A/D 11x10b	A/D 8x10b	A/D 11x10b	A/D 11x10b
Package / Case	38-VFQFN Exposed Pad	48-VFQFN Exposed Pad	38-VFQFN Exposed Pad	38-VFQFN Exposed Pad
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Number of I/O	16	23	16	16
Program Memory Size	16KB (16K x 8)	32KB (32K x 8)	16KB (16K x 8)	16KB (16K x 8)
Core Processor	AVR	AVR	AVR	AVR
Supplier Device Package	38-VQFN (5x7)	48-VQFN (7x7)	38-VQFN (5x7)	38-QFN (5x7)

ATA6617C-P3QW Datasheet PDF

Download ATA6617C-P3QW pdf datasheets and Microchip Technology documentation for ATA6617C-P3QW - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging

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




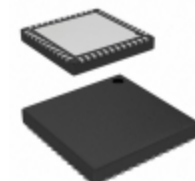









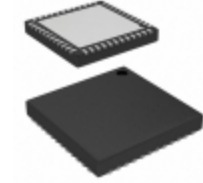




Tape and Reel Label Update 10/Feb/2015.pdf

PCN Other

2.73KHz.pdf

Customers Also Interested in

Recommended Products

 ATA6617C Atmel (Microchip Technology)	 ATA6622C Atmel (Microchip Technology)	 ATA6620N Atmel (Microchip Technology)	 ATA6614Q-PLQW Microchip Technology IC MCU 8BIT 32KB FLASH 48VQFN	 ATA6620N-TAQY Microchip Technology IC TRANSCEIVER HALF 1/1 8SO	 ATA6622C-PGQW Microchip Technology IC TRANSCEIVER 1/1 20VQFN
 ATA6623-TAQY Microchip Technology IC TRANSCEIVER 1/1 8SO	 ATA6617-P3QW Microchip Technology IC MCU 8BIT 16KB FLASH 38VQFN	 ATA6617C-P3QW-1 Microchip Technology IC MCU 8BIT 16KB FLASH 38QFN	 ATA6621-PGQW Microchip Technology IC TRANSCEIVER HALF 1/1 20QFN	 ATA6616-P3QW Microchip Technology IC MCU 8BIT 8KB FLASH 38VQFN	 ATA6614P-PLQW Atmel (Microchip Technology)
 ATA6614Q Atmel (Microchip Technology)	 ATA6614Q-PLQW-1 Microchip Technology IC MCU 8BIT 32KB FLASH 48QFN	 ATA6616C-P3QW Microchip Technology IC MCU 8BIT 8KB FLASH 38QFN	 ATA6613P-PLQW Microchip Technology IC MCU 8BIT 16KB FLASH 48QFN	 ATA6622C-PGQW-1 Microchip Technology IC TRANSCEIVER 1/1 20VQFN	 ATA6621N 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.



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