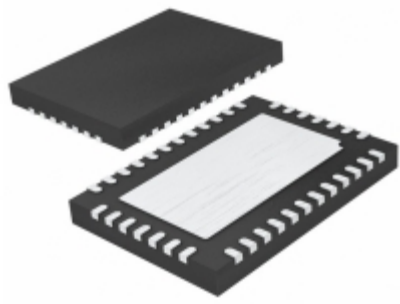


ATA6617-P3QW





Part Number: [ATA6617-P3QW](#)

Manufacturer [Micrel / Microchip Technology](#)

Description IC MCU 8BIT 16KB FLASH 38VQFN

Data sheet:  [ATA6616/17](#)

RoHS Status: Lead free / RoHS Compliant

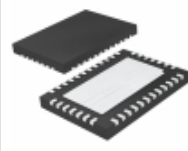
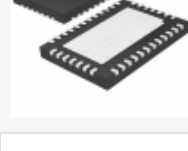
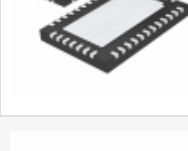
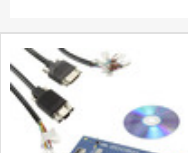
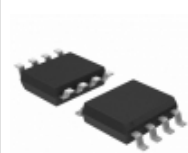
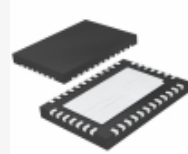
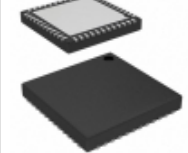
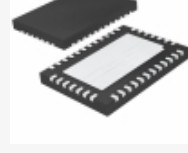
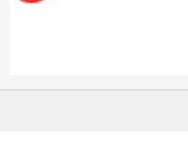
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                |                                  |                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ATA6617-P3QW                                                                                                   | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 8BIT 16KB FLASH 38VQFN                                                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4162 pcs                                                                                                       | Data sheet                       | <a href="#">ATA6616/17</a>                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>                                                                      | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 38-VQFN (5x7)                                                                                                  | Speed                            | 16MHz                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Automotive, AEC-Q100, AVR® ATA66 LIN-SBC                                                                       | RAM Size                         | 512 x 8                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                                                                                          | Program Memory Size              | 16KB (16K x 8)                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT                                                             | Packaging                        | Tape & Reel (TR)                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 38-VFQFN Exposed Pad                                                                                           | Other Names                      | ATA6617-P3QW-ND<br>ATA6617-P3QWTR             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Internal                                                                                                       | Operating Temperature            | -40°C ~ 125°C (TC)                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16                                                                                                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                                                                                     | EEPROM Size                      | 512 x 8                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | AVR Automotive, AEC-Q100, AVR® ATA66 LIN-SBC Microcontroller IC 8-Bit 16MHz 16KB (16K x 8) FLASH 38-VQFN (5x7) | Data Converters                  | A/D 11x10b                                    |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8-Bit                                                                                                          | Core Processor                   | AVR                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PC, LINbus, SPI, UART/USART, USI                                                                               | Base Part Number                 | ATA6617                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 4162 pieces of Micrel / Microchip Technology ATA6617-P3QW in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                                |                                  |                                               |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                              |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ATA6617-P3PW</a><br>Description: IC MCU 8BIT 16KB FLASH 38VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6622-PGQW</a><br>Description: IC TXRX LIN W/REG WDT 20QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6616C-P3QW</a><br>Description: IC MCU 8BIT 8KB FLASH 38QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6616-P3PW</a><br>Description: IC MCU 8BIT 8KB FLASH 38VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6616-P3QW</a><br>Description: IC MCU 8BIT 8KB FLASH 38VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6617C-P3QW</a><br>Description: IC MCU 8BIT 16KB FLASH 38VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6620-TAQY</a><br>Description: IC TXRX LIN BUS 5V/50MA 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6617-EK</a><br>Description: BOARD DEV LIN-MCM ATA6617         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6621-PGQW</a><br>Description: IC TXRX LIN BUS 5V/50MA 20QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6621N-PGQW</a><br>Description: TXRX LIN 5V REG WATCHDOG 20QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6616-EK</a><br>Description: BOARD DEV LIN-MCM ATA6616         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6614Q-PLQW</a><br>Description: IC MCU 8BIT 32KB FLASH 48QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6620-TASY</a><br>Description: IC TXRX LIN BUS 5V/50MA 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6617C-P3QW-1</a><br>Description: IC MCU 8BIT 16KB FLASH 38QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6614Q-PLQW-1</a><br>Description: IC MCU 8BIT 32KB FLASH 48QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6616C-P3PW</a><br>Description: IC MCU 8BIT 8KB FLASH 38VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6622-EK</a><br>Description: BOARD DEMO LIN SBC FOR ATA6622    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6616C-P3QW-1</a><br>Description: IC MCU 8BIT 8KB FLASH 38QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6620N-TAQY</a><br>Description: IC TXRX LIN W/VOLT REG 8SO     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATA6622-PGPW</a><br>Description: IC TXRX LIN W/REG WDT 20QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

Related keywords for ATA6617-P3QW

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