

ATA6617-P3PW





Part Number: [ATA6617-P3PW](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 38VQFN

Data sheet:  [ATA6616/17](#)

RoHS Status: Lead free / RoHS Compliant

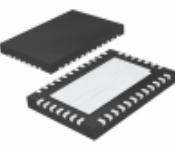
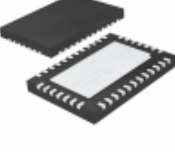
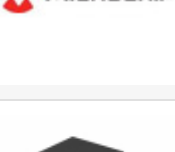
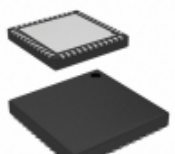
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                    |                                |                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                          | ATA6617-P3PW                                       | 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                                                                                                                                                                                                                                                                                                                                                                                                                   | 5607 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                               | 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                   | İC, LINbus, SPI, UART/USART, USİ                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                     | ATA6617                                            |                                |                                                                                                                |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                              |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|-----|
|  | Part#: <a href="#">ATA6617-P3QW</a><br>Description: IC MCU 8BIT 16KB FLASH 38VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6616C-P3QW-1</a><br>Description: IC MCU 8BIT 8KB FLASH 38QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6622-EK</a><br>Description: BOARD DEMO LIN SBC FOR ATA6622    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6616C-P3QW</a><br>Description: IC MCU 8BIT 8KB FLASH 38QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6616-P3PW</a><br>Description: IC MCU 8BIT 8KB FLASH 38VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6621N-PGQW</a><br>Description: TXRX LIN 5V REG WATCHDOG 20QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6616-P3QW</a><br>Description: IC MCU 8BIT 8KB FLASH 38VQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6617C-P3QW-1</a><br>Description: IC MCU 8BIT 16KB FLASH 38QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6620-TAQY</a><br>Description: IC TXRX LIN BUS 5V/50MA 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6620N-TAQY</a><br>Description: IC TXRX LIN W/VOLT REG 8SO     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6614Q-PLQW-1</a><br>Description: IC MCU 8BIT 32KB FLASH 48QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6616C-P3PW</a><br>Description: IC MCU 8BIT 8KB FLASH 38VQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6620-TASY</a><br>Description: IC TXRX LIN BUS 5V/50MA 8SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6614Q-PLQW</a><br>Description: IC MCU 8BIT 32KB FLASH 48QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6616-EK</a><br>Description: BOARD DEV LIN-MCM ATA6616         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6617-EK</a><br>Description: BOARD DEV LIN-MCM ATA6617         | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6621-PGQW</a><br>Description: IC TXRX LIN BUS 5V/50MA 20QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6622-PGPW</a><br>Description: IC TXRX LIN W/REG WDT 20QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6614-EK</a><br>Description: EVALUATION KIT FOR ATA6614        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|  | Part#: <a href="#">ATA6617C-P3QW</a><br>Description: IC MCU 8BIT 16KB FLASH 38VQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |

| Related keywords for ATA6617-P3PW          |                                   |                                                     |                    |
|--------------------------------------------|-----------------------------------|-----------------------------------------------------|--------------------|
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