

MICROCHIP

Micrel / Microchip Technology

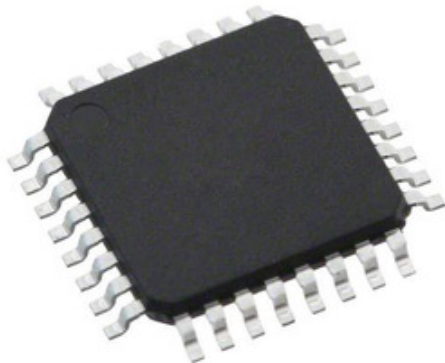


Image may be representation. See specifications for product details.

## ATTINY88-15AZ

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATTINY88-15AZ                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                       |
| Product description | IC MCU 8BIT 8KB FLASH 32TQFP                                                                                        |
| Datasheets:         |  <a href="#">ATTINY88-15AZ.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 57336 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

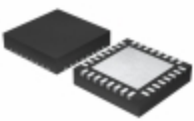
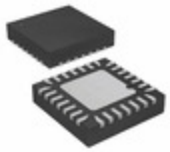
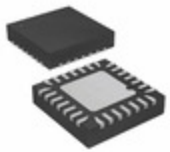
### Specifications of ATTINY88-15AZ

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATTINY88-15AZ                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                         |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 32TQFP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 57336 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">ATTINY88-15AZ.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 32-TQFP (7x7)                                                                                                         |
| SPEED                            | 16MHz                                                                                                                 |
| SERIES                           | Automotive, AEC-Q100, AVR® ATTiny                                                                                     |
| RAM SIZE                         | 512 x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                 |
| PROGRAM MEMORY SIZE              | 8KB (4K x 16)                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, WDT                                                                                      |
| PACKAGING                        | Cut Tape (CT)                                                                                                         |
| PACKAGE / CASE                   | 32-TQFP                                                                                                               |
| OTHER NAMES                      | ATTINY88-15AZCT                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                    |
| NUMBER OF I/O                    | 28                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| EEPROM SIZE                      | 64 x 8                                                                                                                |
| DETAILED DESCRIPTION             | AVR Automotive, AEC-Q100, AVR® ATTiny Microcontroller IC 8-Bit 16MHz 8KB (4K x 16) FLASH 32-TQFP (7x7)                |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                             |
| CORE SIZE                        | 8-Bit                                                                                                                 |
| CORE PROCESSOR                   | AVR                                                                                                                   |
| CONNECTIVITY                     | I²C, SPI                                                                                                              |
| BASE PART NUMBER                 | ATTINY88                                                                                                              |

### Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATTINY88-15AZ | ATTINY88-15AZ Distributor              | ATTINY88-15AZ Supplier                               |
| ATTINY88-15AZ Price                         | ATTINY88-15AZ Pictures                 | ATTINY88-15AZ Image                                  |
| ATTINY88-15AZ PDF Datasheet                 | ATTINY88-15AZ Download Datasheet       | ATTINY88-15AZ Datasheet                              |
| ATTINY88-15AZ Stock                         | Buy ATTINY88-15AZ                      | Buy Micrel / Microchip Technology ATTINY88-15AZ      |
| Micrel / Microchip Technology ATTINY88-15AZ | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATTINY88-15AZ | Microchip Technology ATTINY88-15AZ     | Roving Networks / Microchip Technology ATTINY88-15AZ |

### Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                       |
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| <div>MICROCHIP</div> <div><b>ATTINY87-XUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 53852 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATTINY88-15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: 53917 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>ATTINY87-XU</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 54820 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div><b>ATTINY87-SUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 69287 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>ATTINY87-SUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br/>In stock: 95291 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATTINY88-MMHR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 28VQFN<br/>In stock: 136004 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>ATTINY87-XU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 48074 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATTINY88-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: 89160 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>ATTINY88-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32TQFP<br/>In stock: 78363 pcs</div> <div>RFQ</div>           | <div></div> <div><b>ATTINY88-MMH</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 28VQFN<br/>In stock: 101749 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div><b>ATTINY88-15MZ</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 32QFN<br/>In stock: 91135 pcs</div> <div>RFQ</div>           | <div>MICROCHIP</div> <div><b>ATTINY87-XUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 8KB FLASH 20TSSOP<br/>In stock: 65837 pcs</div> <div>RFQ</div>  |