

ATTINY25-15ST



Part Number: [ATTINY25-15ST](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 2KB FLASH 8SOIC

Data sheet:  [ATTINY25/45/85 Auto](#)

RoHs Status: Lead free / RoHS Compliant

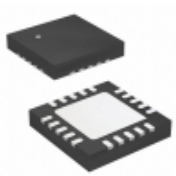
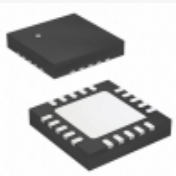
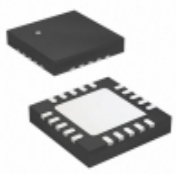
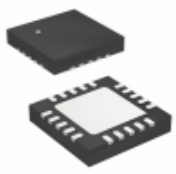
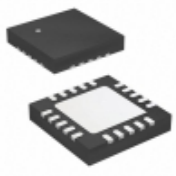
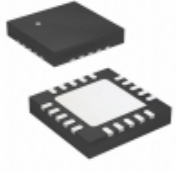
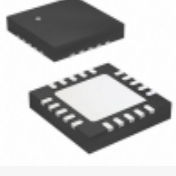
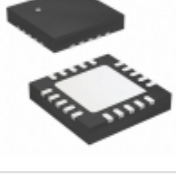
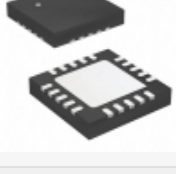
Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                  |                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ATTINY25-15ST                             | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 2KB FLASH 8SOIC               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 185543 pcs                                | Data sheet                       | <a href="#">ATTINY25/45/85 Auto</a>                                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-SOIC                                    | Speed                            | 16MHz                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Automotive, AEC-Q100, AVR® ATtiny         | RAM Size                         | 128 x 8                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                     | Program Memory Size              | 2KB (1K x 16)                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Cut Tape (CT)                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8-SOIC (0.209", 5.30mm Width)             | Other Names                      | 1611-ATTINY25-15STCT                                                                            |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                               |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6                                         | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                      |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 128 x 8                                   | Detailed Description             | AVR Automotive, AEC-Q100, AVR® ATtiny Microcontroller IC 8-Bit 16MHz 2KB (1K x 16) FLASH 8-SOIC |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A/D 4x10b                                 | Core Size                        | 8-Bit                                                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AVR                                       | Connectivity                     | USI                                                                                             |
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|  | Part#: <a href="#">ATTINY25-15MT</a><br>Description: IC MCU 8BIT 2KB FLASH 20WQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ATTINY24V-10MU</a><br>Description: IC MCU 8BIT 2KB FLASH 20QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ATTINY25-20MU</a><br>Description: IC MCU 8BIT 2KB FLASH 20QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY25-20PU</a><br>Description: IC MCU 8BIT 2KB FLASH 8DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY25-20PI</a><br>Description: IC MCU 8BIT 2KB FLASH 8DIP      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY24V-10PU</a><br>Description: IC MCU 8BIT 2KB FLASH 14DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY25-15MT1</a><br>Description: IC MCU 8BIT 2KB FLASH 20WQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY25-15ST1</a><br>Description: IC MCU 8BIT 2KB FLASH 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY24V-10SSUR</a><br>Description: IC MCU 8BIT 2KB FLASH 14SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY25-15MZ</a><br>Description: IC MCU 8BIT 2KB FLASH 20WQFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY24A-SSU</a><br>Description: IC MCU 8BIT 2KB FLASH 14SOIC    | Manufacturers: <a href="#">Microchip Technology</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY25-15SZ</a><br>Description: IC MCU 8BIT 2KB FLASH 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY24V-10SSU</a><br>Description: IC MCU 8BIT 2KB FLASH 14SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY24A-SSUR</a><br>Description: IC MCU 8BIT 2KB FLASH 14SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY25-20MFR</a><br>Description: IC MCU 8BIT 2KB FLASH 20QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY25-20SHR</a><br>Description: IC MCU 8BIT 2KB FLASH 8SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY25-20SH</a><br>Description: IC MCU 8BIT 2KB FLASH 8SOIC     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ATTINY24V-10MUR</a><br>Description: IC MCU 8BIT 2KB FLASH 20QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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