



ATTINY45-15MT1

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATTINY45-15MT1                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 4KB FLASH 20WQFN                                                                                         |
| Datasheets:         |  <a href="#">ATTINY45-15MT1.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 169800 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

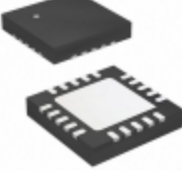
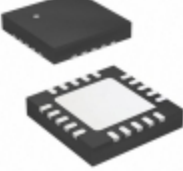
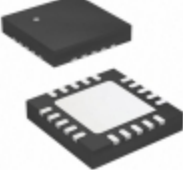
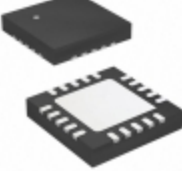
Specifications of ATTINY45-15MT1

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATTINY45-15MT1                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 4KB FLASH 20WQFN                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 169800 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">ATTINY45-15MT1.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 20-WQFN (4x4)                                                                                                          |
| SPEED                            | 16MHz                                                                                                                  |
| SERIES                           | Automotive, AEC-Q100, AVR® ATTiny                                                                                      |
| RAM SIZE                         | 256 x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 4KB (2K x 16)                                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                  |
| PACKAGING                        | Cut Tape (CT)                                                                                                          |
| PACKAGE / CASE                   | 20-WFQFN Exposed Pad                                                                                                   |
| OTHER NAMES                      | 1611-ATTINY45-15MT1CT                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                     |
| NUMBER OF I/O                    | 6                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | 256 x 8                                                                                                                |
| DETAILED DESCRIPTION             | AVR Automotive, AEC-Q100, AVR® ATTiny Microcontroller IC 8-Bit 16MHz 4KB (2K x 16) FLASH 20-WQFN (4x4)                 |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                  |
| CORE PROCESSOR                   | AVR                                                                                                                    |
| CONNECTIVITY                     | USI                                                                                                                    |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATTINY45-15MT1 | ATTINY45-15MT1 Distributor             | ATTINY45-15MT1 Supplier                               |
| ATTINY45-15MT1 Price                         | ATTINY45-15MT1 Pictures                | ATTINY45-15MT1 Image                                  |
| ATTINY45-15MT1 PDF Datasheet                 | ATTINY45-15MT1 Download Datasheet      | ATTINY45-15MT1 Datasheet                              |
| ATTINY45-15MT1 Stock                         | Buy ATTINY45-15MT1                     | Buy Micrel / Microchip Technology ATTINY45-15MT1      |
| Micrel / Microchip Technology ATTINY45-15MT1 | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATTINY45-15MT1 | Microchip Technology ATTINY45-15MT1    | Roving Networks / Microchip Technology ATTINY45-15MT1 |

Related Products

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| <div></div> <div><b>ATTINY44V-15SSST</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 14SOIC<br/>In stock: 29415 pcs</div> <div>RFQ</div>           | <div></div> <div><b>ATTINY45-15MT</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20WQFN<br/>In stock: 22783 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>ATTINY45-15MZ</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20WQFN<br/>In stock: 63277 pcs</div> <div>RFQ</div>              | <div></div> <div><b>ATTINY45-15ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 8SOIC<br/>In stock: 165604 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>ATTINY44V-15MT</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: 23456 pcs</div> <div>RFQ</div>              | <div></div> <div><b>ATTINY45-15MT1</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20WQFN<br/>In stock: 24037 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>ATTINY45-15MT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20WQFN<br/>In stock: 146636 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATTINY45-15MT2</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20WQFN<br/>In stock: 44957 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATTINY44V-15SSST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 14SOIC<br/>In stock: 162436 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATTINY45-15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20WQFN<br/>In stock: 3885 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATTINY44V-15MT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 20QFN<br/>In stock: 137472 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATTINY45-15ST</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 4KB FLASH 8SOIC<br/>In stock: 92069 pcs</div> <div>RFQ</div>            |