

MICROCHIP

Micrel / Microchip Technology

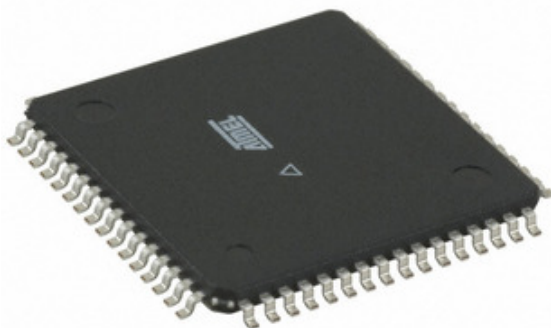


Image may be representation. See specifications for product details.

ATMEGA645V-8AU

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA645V-8AU                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 64KB FLASH 64TQFP                                                                                        |
| Datasheets:         |  <a href="#">ATMEGA645V-8AU.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 16848 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

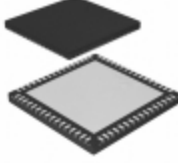
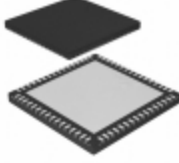
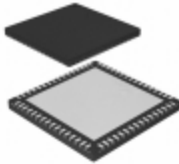
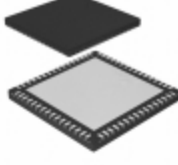
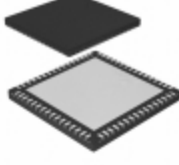
Specifications of ATMEGA645V-8AU

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA645V-8AU                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 64TQFP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 16848 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">ATMEGA645V-8AU.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                                        |
| SPEED                            | 8MHz                                                                                                                   |
| SERIES                           | AVR® ATmega                                                                                                            |
| RAM SIZE                         | 4K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 64KB (32K x 16)                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                  |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                |
| OTHER NAMES                      | ATMEGA645V8AU                                                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 53                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | 2K x 8                                                                                                                 |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 8MHz 64KB (32K x 16) FLASH 64-TQFP (14x14)                                    |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                                  |
| CORE PROCESSOR                   | AVR                                                                                                                    |
| CONNECTIVITY                     | SPI, UART/USART, USI                                                                                                   |
| BASE PART NUMBER                 | ATMEGA645                                                                                                              |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA645V-8AU | ATMEGA645V-8AU Distributor             | ATMEGA645V-8AU Supplier                               |
| ATMEGA645V-8AU Price                         | ATMEGA645V-8AU Pictures                | ATMEGA645V-8AU Image                                  |
| ATMEGA645V-8AU PDF Datasheet                 | ATMEGA645V-8AU Download Datasheet      | ATMEGA645V-8AU Datasheet                              |
| ATMEGA645V-8AU Stock                         | Buy ATMEGA645V-8AU                     | Buy Micrel / Microchip Technology ATMEGA645V-8AU      |
| Micrel / Microchip Technology ATMEGA645V-8AU | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology ATMEGA645V-8AU | Microchip Technology ATMEGA645V-8AU    | Roving Networks / Microchip Technology ATMEGA645V-8AU |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div><b>ATMEGA645V-8AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 18367 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEGA645V-8AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 19895 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA645V-8MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 15938 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ATMEGA645V-8MI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 3647 pcs</div> <div>RFQ</div>    |
| <div>MICROCHIP</div> <div><b>ATMEGA645P-AUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 18431 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA645V-8AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 3368 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div><b>ATMEGA645V-8MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 19841 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ATMEGA645P-MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 17890 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATMEGA645P-AUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64TQFP<br/>In stock: 22546 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div><b>ATMEGA645P-MUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 17432 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ATMEGA645P-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 18473 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATMEGA645V-8MUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 17799 pcs</div> <div>RFQ</div>  |