



ATMEGA640-16AUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA640-16AUR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 64KB FLASH 100TQFP                                                                               |
| Datasheets:         |  ATMEGA640-16AUR.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15791 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

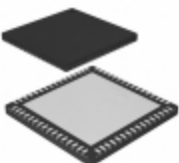
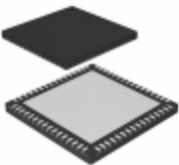
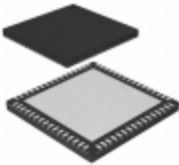
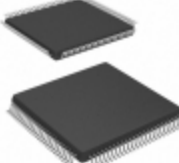
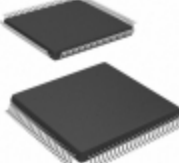
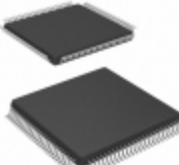
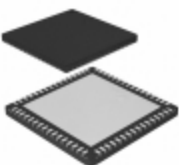
Specifications of ATMEGA640-16AUR

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA640-16AUR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 100TQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| QUANTITY AVAILABLE               | 15791 pcs                                                                                               |
| DATA SHEET                       |  ATMEGA640-16AUR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (14x14)                                                                                        |
| SPEED                            | 16MHz                                                                                                   |
| SERIES                           | AVR® ATmega                                                                                             |
| RAM SIZE                         | 8K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 64KB (32K x 16)                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                        |
| PACKAGE / CASE                   | 100-TQFP                                                                                                |
| OTHER NAMES                      | ATMEGA640-16AUR-ND<br>ATMEGA640-16AURTR<br>ATMEGA64016AUR                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 86                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                              |
| EEPROM SIZE                      | 4K x 8                                                                                                  |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 64KB (32K x 16) FLASH 100-TQFP (14x14)                   |
| DATA CONVERTERS                  | A/D 16x10b                                                                                              |
| CORE SIZE                        | 8-Bit                                                                                                   |
| CORE PROCESSOR                   | AVR                                                                                                     |
| CONNECTIVITY                     | EBI/EMI, I²C, SPI, UART/USART                                                                           |
| BASE PART NUMBER                 | ATMEGA640                                                                                               |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA640-16AUR | ATMEGA640-16AUR Distributor            | ATMEGA640-16AUR Supplier                               |
| ATMEGA640-16AUR Price                         | ATMEGA640-16AUR Pictures               | ATMEGA640-16AUR Image                                  |
| ATMEGA640-16AUR PDF Datasheet                 | ATMEGA640-16AUR Download Datasheet     | ATMEGA640-16AUR Datasheet                              |
| ATMEGA640-16AUR Stock                         | Buy ATMEGA640-16AUR                    | Buy Micrel / Microchip Technology ATMEGA640-16AUR      |
| Micrel / Microchip Technology ATMEGA640-16AUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology ATMEGA640-16AUR | Microchip Technology ATMEGA640-16AUR   | Roving Networks / Microchip Technology ATMEGA640-16AUR |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                         |
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| <div>MICROCHIP</div> <div>ATMEGA640-16CUR</div> <div>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/>In stock: 10497 pcs</div> <div>RFQ</div>          | <div></div> <div>ATMEGA64-16MU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 12750 pcs</div> <div>RFQ</div>    |
| <div>MICROCHIP</div> <div>ATMEGA640-16CUR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/>In stock: 14017 pcs</div> <div>RFQ</div> | <div></div> <div>ATMEGA64-16MI</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 6289 pcs</div> <div>RFQ</div>     |
| <div></div> <div>ATMEGA64-16MJ</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 6140 pcs</div> <div>RFQ</div>               | <div>MICROCHIP</div> <div>ATMEGA64-16MUR</div> <div>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 12479 pcs</div> <div>RFQ</div>   |
| <div></div> <div>ATMEGA640V-8AUR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: 13950 pcs</div> <div>RFQ</div>          | <div></div> <div>ATMEGA640-16AU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: 12220 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>ATMEGA640V-8CU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/>In stock: 9546 pcs</div> <div>RFQ</div>   | <div></div> <div>ATMEGA640V-8AU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100TQFP<br/>In stock: 13190 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>ATMEGA640-16CU</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 100CBGA<br/>In stock: 10163 pcs</div> <div>RFQ</div>  | <div></div> <div>ATMEGA64-16MUR</div> <div>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 64QFN<br/>In stock: 9961 pcs</div> <div>RFQ</div>    |