



Micrel / Microchip Technology

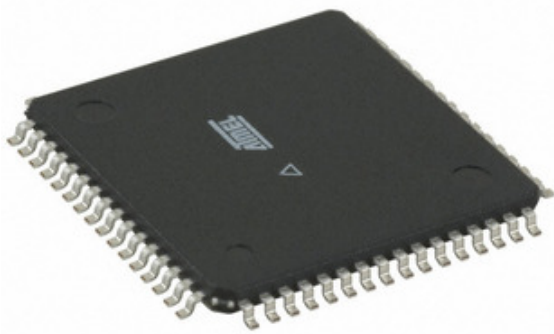


Image may be representation. See specifications for product details.

ATMEGA103-6AI

|                     |                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA103-6AI                                                                                                                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                  |
| Product description | IC MCU 8BIT 128KB FLASH 64TQFP                                                                                                                                                                                 |
| Datasheets:         |  1.ATMEGA103-6AI.pdf<br> 2.ATMEGA103-6AI.pdf |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                           |
| Stock Condition     | 3697 pcs stock                                                                                                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                          |

REQUEST FOR QUOTATION

Specifications of ATMEGA103-6AI

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA103-6AI                                                                                                                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                      |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 64TQFP                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 3697 pcs                                                                                                                                                                                                           |
| DATA SHEET                       |  1.ATMEGA103-6AI.pdf<br> 2.ATMEGA103-6AI.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (14x14)                                                                                                                                                                                                    |
| SPEED                            | 6MHz                                                                                                                                                                                                               |
| SERIES                           | AVR® ATmega                                                                                                                                                                                                        |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 128KB (64K x 16)                                                                                                                                                                                                   |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                                                                                                                      |
| PACKAGING                        | Tray                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 32                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                 |
| EEPROM SIZE                      | 4K x 8                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 6MHz 128KB (64K x 16) FLASH 64-TQFP (14x14)                                                                                                                               |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                          |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                              |
| CORE PROCESSOR                   | AVR                                                                                                                                                                                                                |
| CONNECTIVITY                     | SPI, UART/USART                                                                                                                                                                                                    |
| BASE PART NUMBER                 | ATMEGA103                                                                                                                                                                                                          |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA103-6AI | ATMEGA103-6AI Distributor              | ATMEGA103-6AI Supplier                               |
| ATMEGA103-6AI Price                         | ATMEGA103-6AI Pictures                 | ATMEGA103-6AI Image                                  |
| ATMEGA103-6AI PDF Datasheet                 | ATMEGA103-6AI Download Datasheet       | ATMEGA103-6AI Datasheet                              |
| ATMEGA103-6AI Stock                         | Buy ATMEGA103-6AI                      | Buy Micrel / Microchip Technology ATMEGA103-6AI      |
| Micrel / Microchip Technology ATMEGA103-6AI | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATMEGA103-6AI | Microchip Technology ATMEGA103-6AI     | Roving Networks / Microchip Technology ATMEGA103-6AI |

Related Products

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| <div></div> <div><b>ATM90E36A-DB</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ATM90E36A DEMO BOARD<br/>In stock: 201 pcs</div> <div>RFQ</div>                 | <div></div> <div><b>ATM90E36A-RD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: ATM90E36A DEMO BOARD<br/>In stock: 3749 pcs</div> <div>RFQ</div>                   |
| <div></div> <div><b>ATMEGA128-16AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 4168 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATMEGA128-16AJ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 4836 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>ATMEGA103L-4AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 3514 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATMBUSADAPTER-XPRO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: MIKROBUS TO XPLAINED PRO ADAPTER<br/>In stock: 6568 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ATMEGA128-16AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 6932 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATMEGA128-16AN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 7621 pcs</div> <div>RFQ</div>       |
| <div></div> <div><b>ATMEGA103L-4AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 3515 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ATMEGA103-6AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 64TQFP<br/>In stock: 2723 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>ATM90E36A-AU-Y</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 48-TQFP, IND TEMP, 1.8V/3V, TRAY<br/>In stock: 32100 pcs</div> <div>RFQ</div> | <div></div> <div><b>ATMEG163POD</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC AVR MCU ICE30 40PIN MEGA AVR<br/>In stock: 2928 pcs</div> <div>RFQ</div>         |