



Micrel / Microchip Technology



ATMEGA32-16PI

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA32-16PI                                                                                                        |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                        |
| Product description | IC MCU 8BIT 32KB FLASH 40DIP                                                                                         |
| Datasheets:         |  1.ATMEGA32-16PI.pdf                |
|                     |  2.ATMEGA32-16PI.pdf                |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3121 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

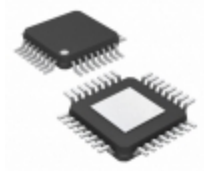
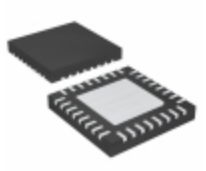
Specifications of ATMEGA32-16PI

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA32-16PI                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                           |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 40DIP                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                      |
| QUANTITY AVAILABLE               | 3121 pcs                                                                                                |
| DATA SHEET                       |  1.ATMEGA32-16PI.pdf |
|                                  |  2.ATMEGA32-16PI.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                 |
| SPEED                            | 16MHz                                                                                                   |
| SERIES                           | AVR® ATmega                                                                                             |
| RAM SIZE                         | 2K x 8                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                   |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                   |
| PACKAGING                        | Tube                                                                                                    |
| PACKAGE / CASE                   | 40-DIP (0.600", 15.24mm)                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                       |
| NUMBER OF I/O                    | 32                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | Not Applicable                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                      |
| EEPROM SIZE                      | 1K x 8                                                                                                  |
| DETAILED DESCRIPTION             | AVR AVR® ATmega Microcontroller IC 8-Bit 16MHz 32KB (16K x 16) FLASH 40-PDIP                            |
| DATA CONVERTERS                  | A/D 8x10b                                                                                               |
| CORE SIZE                        | 8-Bit                                                                                                   |
| CORE PROCESSOR                   | AVR                                                                                                     |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                    |
| BASE PART NUMBER                 | ATMEGA32                                                                                                |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA32-16PI | ATMEGA32-16PI Distributor              | ATMEGA32-16PI Supplier                               |
| ATMEGA32-16PI Price                         | ATMEGA32-16PI Pictures                 | ATMEGA32-16PI Image                                  |
| ATMEGA32-16PI PDF Datasheet                 | ATMEGA32-16PI Download Datasheet       | ATMEGA32-16PI Datasheet                              |
| ATMEGA32-16PI Stock                         | Buy ATMEGA32-16PI                      | Buy Micrel / Microchip Technology ATMEGA32-16PI      |
| Micrel / Microchip Technology ATMEGA32-16PI | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology ATMEGA32-16PI | Microchip Technology ATMEGA32-16PI     | Roving Networks / Microchip Technology ATMEGA32-16PI |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>ATMEGA32-16MJ</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 32KB FLASH 44VQFN</div><div>In stock: 5714 pcs</div><div>RFQ</div></div>      | <div><div>ATMEGA32-16PC</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 32KB FLASH 40DIP</div><div>In stock: 6569 pcs</div><div>RFQ</div></div>       |
| <div><div>ATMEGA32-16MI</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 32KB FLASH 44VQFN</div><div>In stock: 4640 pcs</div><div>RFQ</div></div>      | <div><div>ATMEGA32-16MUR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 32KB FLASH 44VQFN</div><div>In stock: 21960 pcs</div><div>RFQ</div></div>    |
| <div><div>ATMEGA3208-AFR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: 20MHZ, 32KB, TQFP32, IND 125C, G</div><div>In stock: 67817 pcs</div><div>RFQ</div></div> | <div><div>ATMEGA3208-MFR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: 20MHZ, 32KB, VQFN32, IND 125C, G</div><div>In stock: 93430 pcs</div><div>RFQ</div></div> |
| <div><div>ATMEGA32-16MUR</div><div>Manufacturers: Microchip Technology</div><div>Description: IC MCU 8BIT 32KB FLASH 44VQFN</div><div>In stock: 6123 pcs</div><div>RFQ</div></div>              | <div><div>ATMEGA32-16MU</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 32KB FLASH 44VQFN</div><div>In stock: 19526 pcs</div><div>RFQ</div></div>     |
| <div><div>ATMEGA32-16PJ</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 32KB FLASH 40DIP</div><div>In stock: 3079 pcs</div><div>RFQ</div></div>       | <div><div>ATMEGA3209-AFR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: 20MHZ, 32KB, TQFP48, IND 125C, G</div><div>In stock: 69529 pcs</div><div>RFQ</div></div> |
| <div><div>ATMEGA3209-MFR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: 20MHZ, 32KB, UQFN48, IND 125C, G</div><div>In stock: 69283 pcs</div><div>RFQ</div></div> | <div><div>ATMEGA32-16PU</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 8BIT 32KB FLASH 40DIP</div><div>In stock: 17161 pcs</div><div>RFQ</div></div>      |