

AT91M55800-33AI



Part Number: [AT91M55800-33AI](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT ROMLESS 176LQFP

Data sheet:  [AT91M55800A Summary](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

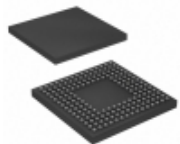
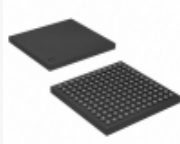
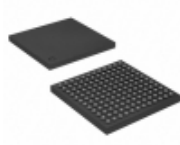
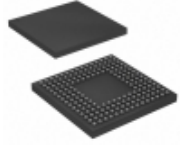
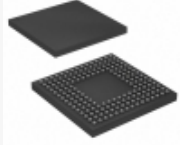
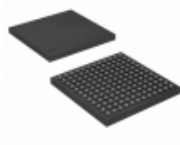
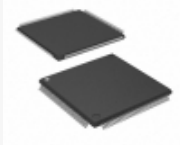
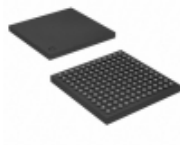
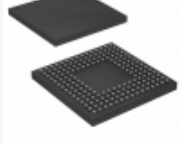
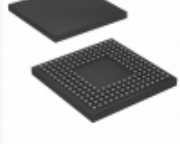
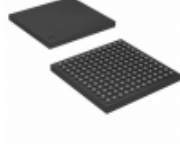
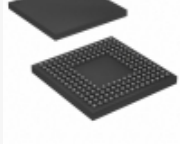
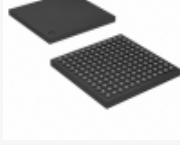
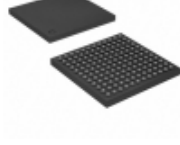
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER              |                                                                           |                                  |                                               |
|--------------------------------|---------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|
| Part Number                    | AT91M55800-33AI                                                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a> |
| Description                    | IC MCU 32BIT ROMLESS 176LQFP                                              | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant            |
| Quantity Available             | 4422 pcs                                                                  | Data sheet                       | <a href="#">AT91M55800A Summary</a>           |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 3.6 V                                 |
| Supplier Device Package        | 176-TQFP (24x24)                                                          | Speed                            | 33MHz                                         |
| Series                         | AT91SAM                                                                   | RAM Size                         | 8K x 8                                        |
| Program Memory Type            | ROMless                                                                   | Program Memory Size              | -                                             |
| Peripherals                    | POR, WDT                                                                  | Packaging                        | Tray                                          |
| Package / Case                 | 176-LQFP                                                                  | Other Names                      | AT91M5580033AI                                |
| Oscillator Type                | Internal                                                                  | Operating Temperature            | -40°C ~ 85°C                                  |
| Number of I/O                  | 58                                                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                 |
| Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                        | EEPROM Size                      | -                                             |
| Detailed Description           | ARM7® AT91SAM Microcontroller IC 16/32-Bit 33MHz ROMless 176-TQFP (24x24) | Data Converters                  | A/D 8x10b; D/A 2x10b                          |
| Core Size                      | 16/32-Bit                                                                 | Core Processor                   | ARM7®                                         |
| Connectivity                   | EBI/EMI, SPI, UART/USART                                                  | Base Part Number                 | AT91M55800                                    |

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| RELATED PRODUCTS                                                                   |                                             |                                                              |     |
|------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------------------|-----|
|  | Part#: <a href="#">AT91M55800A-33CJ-999</a> | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 176LFBGA  |                                                              |     |
|  | Part#: <a href="#">AT91M43300-25CI</a>      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144BGA    |                                                              |     |
|  | Part#: <a href="#">AT91M42800A-33CJ-999</a> | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144BGA    |                                                              |     |
|  | Part#: <a href="#">AT91M63200-25AI</a>      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 176TQFP   |                                                              |     |
|  | Part#: <a href="#">AT91M55800A-33CJ-T</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 176LFBGA  |                                                              |     |
|  | Part#: <a href="#">AT91M55800-33CI</a>      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 176LFBGA  |                                                              |     |
|  | Part#: <a href="#">AT91M42800A-33CI-T</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144BGA    |                                                              |     |
|  | Part#: <a href="#">AT91M42800A-33AU</a>     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144LQFP   |                                                              |     |
|  | Part#: <a href="#">AT91M42800A-33CJ</a>     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144BGA    |                                                              |     |
|  | Part#: <a href="#">AT91M55800A-33AI</a>     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 176TQFP   |                                                              |     |
|  | Part#: <a href="#">AT91M42800A-33AI-T</a>   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144LQFP   |                                                              |     |
|  | Part#: <a href="#">AT91M55800A-33CI</a>     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 176LFBGA  |                                                              |     |
|  | Part#: <a href="#">AT91M55800A-33AU</a>     | Manufacturers: <a href="#">Microchip Technology</a>          | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 176LQFP   |                                                              |     |
|  | Part#: <a href="#">AT91M55800A-33CJ</a>     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 176LFBGA  |                                                              |     |
|  | Part#: <a href="#">AT91M42800A-33CI</a>     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144BGA    |                                                              |     |
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|                                                                                    | Description: IC MCU 32BIT ROMLESS 176LFBGA  |                                                              |     |
|  | Part#: <a href="#">AT91M42800A-33AU-999</a> | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144LQFP   |                                                              |     |
|  | Part#: <a href="#">AT91M43300-25CJ</a>      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144BGA    |                                                              |     |
|  | Part#: <a href="#">AT91M43300-25CC</a>      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 144BGA    |                                                              |     |
|  | Part#: <a href="#">AT91M63200-25AC</a>      | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | RFQ |
|                                                                                    | Description: IC MCU 32BIT ROMLESS 176TQFP   |                                                              |     |

| Related keywords for AT91M55800-33AI          |                                      |                                        |                       |
|-----------------------------------------------|--------------------------------------|----------------------------------------|-----------------------|
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