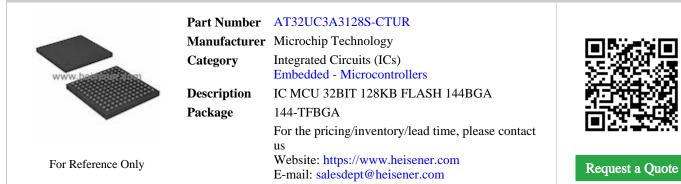


AT32UC3A3128S-CTUR

AT32UC3A3128S-CTUR Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



AT32UC3A3128S-CTUR Specifications

| Manufacturer Part NumberAT32UC3A128S-CTURManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PackageIntegrated Circuits (ICs)Package144-TFBGASeriesAVR 32 UC3 A3Core ProcessorAVRCore Size32-BitSpeed60MHzConnectivityEBI/EMI, 12C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTGPreipheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEPROM Size.Voltage - Supply (Vcc/Vdd)1.75 v - 3.6 VOralitor Type.Oralitor Type.Oralitor Type.Oralitor Type.Mounting Type.Auge / Case.Mounting Type.Auge / Case.Mounting Type.HatfFBGA (11st1) | | | |
|---|----------------------------|--|-------|
| CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage144-TFBGASeriesAVR?32 UC3 A3Core ProcessorAVRCore Size32-BitSpeed66MHzConnectivityEBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)EEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)1,75 V ~ 3.6 VData ConvertersAVD 8x10bOscillator Type-Mounting Type-Package / Case144-TFBGA (11x11) | Manufacturer Part Number | AT32UC3A3128S-CTUR | |
| IndextedEmbedded - MicrocontrollersPackage144-TFBGASeriesAVR?32 UC3 A3Core ProcessorAVRCore Size32-BitSpeed66MHzConnectivityEBI/EMI, 12C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)1.75 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type144-FFBGA (11x11) | Manufacturer | Microchip Technology | |
| Package144-TFBGASeriesAVR?32 UC3 A3Core ProcessorAVRCore Size32-BitSpeed60MHzConnectivityEBI/EMI, 12C, 1rDA, Memory Card, SPI, SSC, UART/USART, USB OTGPreipheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-Nutler of NCCVUdd)1/5 V ~ 3.6 VVoltage - Supply (Vcc/Vdd)1/5 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOverating Temperature-Auonting Type-Package / Case144-FFBGA (11x11) | Category | Integrated Circuits (ICs) | |
| SeriesAVR?32 UC3 A3Core ProcessorAVRCore Size32-BitSpeed66MHzConnectivityEBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)1,75 V ~ 3,6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type144-FFBGA (11x11) | | Embedded - Microcontrollers | |
| Core ProcessorAVRCore Size32-BitSpeed66MHzConnectivityEBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)1.75 V ~ 3.6 VData ConvertersAD8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-FFBGA (11x11) | Package | 144-TFBGA | |
| Core Size32-BitSpeed66MHzConnectivityEBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)1.75 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-FFBGA (11x11) | Series | AVR?32 UC3 A3 | |
| Speed66MHzConnectivityEBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)1.75 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGA (11x11) | Core Processor | AVR | |
| PrintInternational BilleministryConnectivityEBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTGPeripheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)1.75 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGA (11x11) | Core Size | 32-Bit | |
| PeripheralsBrown-out Detect/Reset, DMA, POR, WDTNumber of I/O110Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)1.75 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGA (11x11) | Speed | 66MHz | |
| Number of I/O 110 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 128K x 8 Voltage - Supply (Vcc/Vdd) 1.75 V ~ 3.6 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 144-FFBGA (11x11) | Connectivity | EBI/EMI, I2C, IrDA, Memory Card, SPI, SSC, UART/USART, USB OTG | |
| Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)1.75 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGA (11x11) | Peripherals | Brown-out Detect/Reset, DMA, POR, WDT | |
| Program Memory TypeFLASHEEPROM Size-RAM Size128K x 8Voltage - Supply (Vcc/Vdd)1.75 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGASupplier Device Package144-FFBGA (11x11) | Number of I/O | 110 | |
| Ferry and offer and | Program Memory Size | 128KB (128K x 8) | |
| RAM Size128K x 8Voltage - Supply (Vcc/Vd)1.75 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGASupplier Device Package144-FFBGA (11x11) | Program Memory Type | FLASH | |
| Voltage - Supply (Vcc/Vdd)1.75 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGASupplier Device Package144-FFBGA (11x11) | EEPROM Size | - | |
| Data ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGASupplier Device Package144-FFBGA (11x11) | RAM Size | 128K x 8 | |
| Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGASupplier Device Package144-FFBGA (11x11) | Voltage - Supply (Vcc/Vdd) | 1.75 V ~ 3.6 V | |
| Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case144-TFBGASupplier Device Package144-FFBGA (11x11) | Data Converters | A/D 8x10b | |
| Mounting Type-Package / Case144-TFBGASupplier Device Package144-FFBGA (11x11) | Oscillator Type | Internal | |
| Package / Case144-TFBGASupplier Device Package144-FFBGA (11x11) | Operating Temperature | -40°C ~ 85°C (TA) | |
| Supplier Device Package 144-FFBGA (11x11) | Mounting Type | - | |
| | Package / Case | 144-TFBGA | |
| Report | Supplier Device Package | 144-FFBGA (11x11) | |
| Report | - | Report en | rors? |

AT32UC3A3128S-CTUR Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

AT32UC3A3128S-CTUR Payment Methods





If you have any question about AT32UC3A3128S-CTUR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com