

STM8AL3LE8ATAX

STM8AL3LE8ATAX Information

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Part NumberSTM8AL3LE8ATAXManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)
Embedded - Microcontrollers

Description MICROCONTROLLERS

Package 80-LQFP

For the pricing/inventory/lead time, please contact

us

For Reference Only

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STM8AL3LE8ATAX Specifications

| Manufacturer STM8AL3LE8ATAX Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 80-LQFP Series Automotive, AEC-Q100, STM8A Core Processor STM8 Core Size 8-Bit Speed 16MHz Connectivity IPC, IrDA, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 68 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80.1 OFP | | |
|--|----------------------------|--|
| Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 80-LQFP Series Automotive, AEC-Q100, STM8A Core Processor STM8 Core Size 8-Bit Speed 16MHz Connectivity PC, IrDA, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 68 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - | Manufacturer Part Number | STM8AL3LE8ATAX |
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| Package 80-LQFP Series Automotive, AEC-Q100, STM8A Core Processor STM8 Core Size 8-Bit Speed 16MHz Connectivity PC, IrDA, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 68 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - | Category | Integrated Circuits (ICs) |
| Series Automotive, AEC-Q100, STM8A Core Processor STM8 Core Size 8-Bit Speed 16MHz Connectivity PC, IrDA, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 68 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - | | Embedded - Microcontrollers |
| Core Processor Core Size 8-Bit Speed 16MHz Connectivity Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 68 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - | Package | 80-LQFP |
| Core Size Speed 16MHz Connectivity PC, IrDA, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 68 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - | Series | Automotive, AEC-Q100, STM8A |
| Speed 16MHz Connectivity P*C, IrDA, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 68 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - | Core Processor | STM8 |
| Connectivity PC, IrDA, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 68 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - | Core Size | 8-Bit |
| Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 68 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - | Speed | 16MHz |
| Number of I/O Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size 2K x 8 RAM Size 4K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 28x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - | Connectivity | I ² C, IrDA, LINbus, SPI, UART/USART |
| Program Memory Size $64KB$ ($64K \times 8$)Program Memory TypeFLASHEEPROM Size $2K \times 8$ RAM Size $4K \times 8$ Voltage - Supply (Vcc/Vdd) $1.65 \text{ V} \sim 3.6 \text{ V}$ Data Converters $A/D 28x12b$, $D/A 2x12b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type- | Peripherals | Brown-out Detect/Reset, DMA, POR, PWM, WDT |
| Program Memory Type $FLASH$ EEPROM Size $2K \times 8$ RAM Size $4K \times 8$ Voltage - Supply (Vcc/Vdd) $1.65 \text{ V} \sim 3.6 \text{ V}$ Data Converters $A/D 28x12b, D/A 2x12b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type $-$ | Number of I/O | 68 |
| EEPROM Size $ 2K \times 8 $ $RAM Size \qquad 4K \times 8 $ $Voltage - Supply (Vcc/Vdd) \qquad 1.65 \text{ V} \sim 3.6 \text{ V} $ $Data Converters \qquad A/D 28x12b, D/A 2x12b $ $Oscillator Type \qquad Internal $ $Operating Temperature \qquad -40^{\circ}\text{C} \sim 85^{\circ}\text{C} (TA) $ $Mounting Type \qquad -$ | Program Memory Size | 64KB (64K x 8) |
| RAM Size $4K \times 8$ Voltage - Supply (Vcc/Vdd) $1.65 \text{ V} \sim 3.6 \text{ V}$ Data Converters $A/D 28x12b, D/A 2x12b$ Oscillator Type Internal $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type $-$ | Program Memory Type | FLASH |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$ | EEPROM Size | 2K x 8 |
| Data Converters $A/D 28x12b, D/A 2x12b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type - | RAM Size | 4K x 8 |
| Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type - | Voltage - Supply (Vcc/Vdd) | 1.65 V ~ 3.6 V |
| Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type $-$ | Data Converters | A/D 28x12b, D/A 2x12b |
| Mounting Type - | Oscillator Type | Internal |
| | Operating Temperature | $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ |
| Package / Case 80-LOEP | Mounting Type | - |
| 1 ackage / Case OU-LQ11 | Package / Case | 80-LQFP |
| Supplier Device Package 80-LQFP (14x14) | Supplier Device Package | 80-LQFP (14x14) |
| Report errors | | Report errors? |

STM8AL3LE8ATAX Guarantees



Ouality 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.

STM8AL3LE8ATAX Payment Methods



















STM8AL3LE8ATAX Shipping Methods













If you have any question about STM8AL3LE8ATAX, please do not hesitate to contact us!

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