

XMC1201T038F0016ABXUMA1

XMC1201T038F0016ABXUMA1 Information



For Reference Only

Part Number XMC1201T038F0016ABXUMA1

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 32BIT 16KB FLASH 38TSSOP **Package** 38-TFSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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XMC1201T038F0016ABXUMA1 Specifications

Manufacturer Part Number XMC1201T038F0016ABXUMA1 Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 38-TFSOP (0.173", 4.40mm Width) Series XMC1000 Core Processor ARM? Cortex?-M0 Core Size 32-Bit Speed 32-Bit Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, I2S, POR, PWM, WDT Number of I/O 26 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 16x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 38-TFSOP (0.173", 4.40mm Width)		
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Peripherals Brown-out Detect/Reset, I2S, POR, PWM, WDT Number of I/O 26 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 16x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case Brown-out Detect/Reset, I2S, POR, PWM, WDT 26 Package / Case Brown-out Detect/Reset, I2S, POR, PWM, WDT A/D 16K x 8 FLASH I 16K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 16x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 38-TFSOP (0.173", 4.40mm Width)	Speed	32MHz
Number of I/O 26 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 16x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 38-TFSOP (0.173", 4.40mm Width)	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 16x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 38-TFSOP (0.173", 4.40mm Width)	Peripherals	Brown-out Detect/Reset, I2S, POR, PWM, WDT
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EEPROM Size RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 16x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 38-TFSOP (0.173", 4.40mm Width)	Program Memory Size	16KB (16K x 8)
RAM Size $16K \times 8$ Voltage - Supply (Vcc/Vdd) $1.8 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 16x12b$ Oscillator Type $Internal$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type $-$ Package / Case $38\text{-TFSOP (0.173", 4.40mm Width)}$	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $1.8 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 16x12b$ Oscillator Type $Internal$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type $-$ Package / Case $38\text{-TFSOP } (0.173'', 4.40\text{mm Width})$	EEPROM Size	-
	RAM Size	16K x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 38-TFSOP (0.173", 4.40mm Width)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 38-TFSOP (0.173", 4.40mm Width)	Data Converters	A/D 16x12b
Mounting Type - Package / Case 38-TFSOP (0.173", 4.40mm Width)	Oscillator Type	Internal
Package / Case 38-TFSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
	Mounting Type	-
	Package / Case	38-TFSOP (0.173", 4.40mm Width)
Supplier Device Package PG-TSSOP-38-9	Supplier Device Package	PG-TSSOP-38-9
Report errors?		Report errors?

XMC1201T038F0016ABXUMA1 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.

XMC1201T038F0016ABXUMA1 Payment Methods



















XMC1201T038F0016ABXUMA1 Shipping Methods













If you have any question about XMC1201T038F0016ABXUMA1, please do not hesitate to contact us!

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