

STM32F072CBU6

STM32F072CBU6 Information

Manuferts entre som	Part Number Manufacturer Category Description Package	Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 128KB FLASH 48QFPN 48-UFQFN Exposed Pad	
	-	For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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.



STM32F072CBU6 Specifications

ManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage48-UFQFN Exposed PadStriesSTM32 F0Core ProcessorARM? Cortex?-M0Core Size32-BitSpeed48MHzConnectivityCAN, HDMI-CEC, I2C, IrDA, LIN, SPI, UART/USART, USBPreipheralsDMA, I2S, POR, PWM, WDTNumber of I/O37Program Memory SizeIASKB (128K x 8)EEPROM Size-RAM SizeI6K x 8Voltage - Supply (Vcc/Vdd)I.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type54.UFQFN Exposed Pad				
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage48-UFQFN Exposed PadSeriesSTM32 F0Core ProcessorARM? Cortex?-M0Core Size32-BitSpeed48MHzConnectivityCAN, HDMI-CEC, I2C, IrDA, LIN, SPI, UART/USART, USBPreipheralsDMA, I2S, POR, PWM, WDTNumber of I/O37Program Memory Size128KB (128K x 8)EEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator Type1.40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFN (7x7)	Manufacturer Part Number	STM32F072CBU6		
Embedded - MicrocontrollersPackage48-UFQFN Exposed PadSeriesSTM32 F0Core ProcessorARM? Cortex?-M0Core Size32-BitSpeed48MHzConnectivityCAN, HDMI-CEC, I2C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, I2S, POR, PWM, WDTNumber of I/O37Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFN (7x7)	Manufacturer	STMicroelectronics		
Package 48-UFQFN Exposed Pad Series STM32 F0 Core Processor ARM? Cortex?-M0 Core Size 32-Bit Speed 48-UFQFN Exposed Pad Speed 22-Bit Connectivity CAN, HDMI-CEC, 12C, IrDA, LIN, SPI, UART/USART, USB Peripherals DMA, 12S, POR, PWM, WDT Number of I/O 37 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 10x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UFQFN (7x7)	Category	Integrated Circuits (ICs)		
SeriesSTM32 F0Core ProcessorARM? Cortex?-M0Core Size32-BitSpeed48MHzConnectivityCAN, HDMI-CEC, I2C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, I2S, POR, PWM, WDTNumber of I/O37Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN (Xr7)		Embedded - Microcontrollers		
Core ProcessorARM? Cortex?-M0Core Size32-BitSpeed48MHzConnectivityCAN, HDMI-CEC, I2C, IrDA, LIN, SPI, UART/USART, USBPripheralsDMA, I2S, POR, PWM, WDTNumber of I/O37Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-Nufter Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersAD 10x12b, D/A 2x12bOscillator Type-Mounting Type-Prakage / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFN (7x7)	Package	48-UFQFN Exposed Pad		
Core Size32-BitSpeed48MHzConnectivityCAN, HDMI-CEC, I2C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, I2S, POR, PWM, WDTNumber of I/O37Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFN (7x7)	Series	STM32 F0		
Speed48MHzConnectivityCAN, HDMI-CEC, I2C, IrDA, LIN, SPI, UART/USART, USBPeripheralsDMA, I2S, POR, PWM, WDTNumber of I/O37Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN (7x7)	Core Processor	ARM? Cortex?-M0		
Connectivity CAN, HDMI-CEC, I2C, IrDA, LIN, SPI, UART/USART, USB Peripherals DMA, I2S, POR, PWM, WDT Number of I/O 37 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 10x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UFQFPN (7x7)	Core Size	32-Bit		
PeripheralsDMA, 12S, POR, PWM, WDTNumber of I/O37Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFN (7x7)	Speed	48MHz		
Number of I/O 37 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 10x12b, D/A 2x12b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 48-UFQFN Exposed Pad Supplier Device Package 48-UFQFPN (7x7)	Connectivity	CAN, HDMI-CEC, I2C, IrDA, LIN, SPI, UART/USART, USB		
Program Memory Size128KB (128K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFPN (7x7)	Peripherals	DMA, I2S, POR, PWM, WDT		
Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFPN (7x7)	Number of I/O	37		
EEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFN (7x7)	Program Memory Size	128KB (128K x 8)		
RAM Size16K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFPN (7x7)	Program Memory Type	FLASH		
Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFN (7x7)	EEPROM Size	-		
Data ConvertersA/D 10x12b, D/A 2x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFPN (7x7)	RAM Size	16K x 8		
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFN (7x7)	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V		
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFPN (7x7)	Data Converters	A/D 10x12b, D/A 2x12b		
Mounting Type-Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFN (7x7)	Oscillator Type	Internal		
Package / Case48-UFQFN Exposed PadSupplier Device Package48-UFQFPN (7x7)	Operating Temperature	-40°C ~ 85°C (TA)		
Supplier Device Package48-UFQFPN (7x7)	Mounting Type	-		
	Package / Case	48-UFQFN Exposed Pad		
Report errors?	Supplier Device Package	48-UFQFPN (7x7)		
			Report errors?	

STM32F072CBU6 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.

STM32F072CBU6 Payment Methods





If you have any question about STM32F072CBU6, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com