



ST72F561K6TC Information



For Reference Only

Part Number ST72F561K6TC

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 32KB FLASH 32LQFP

Package 32-LQFF

For the pricing/inventory/lead time, please contact

us

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



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ST72F561K6TC Specifications

Manufacturer Part Number ST72F561K6TC Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package 32-LQFP Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity CAN, LINSCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package - Feport errors?		
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 32-LQFP Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity CAN, LINSCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Manufacturer Part Number	ST72F561K6TC
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Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity CAN, LINSCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -		Embedded - Microcontrollers
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Core Size 8-Bit Speed 8MHz Connectivity CAN, LINSCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Series	ST7
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Connectivity Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type Package / Case Supplier Device Package - CAN, LINSCI, SPI LVD, POR, PWM, WDT 24 A Converters 32-LQFP Supplier Device Package	Core Size	8-Bit
Peripherals Number of I/O 24 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type External Operating Temperature 40°C ~ 125°C (TA) Mounting Type - Package / Case Supplier Device Package - LVD, POR, PWM, WDT 24 A/D 6x10k FLASH EEPROM Size - A/C ~ 125°C (TA) Supplier Device Package - Supplier Device Package	Speed	8MHz
Number of I/O Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case Supplier Device Package - Supplier Device Package	Connectivity	CAN, LINSCI, SPI
Program Memory Size Program Memory Type FLASH EEPROM Size RAM Size Voltage - Supply (Vcc/Vdd) Data Converters A/D 6x10b Oscillator Type External Operating Temperature Package / Case Supplier Device Package - 32KB (32K x 8) FLASH FLASH FLASH A A EEPROM Size - 1K x 8 A/D 6x10b Sx v ~ 5.5 V External -40°C ~ 125°C (TA) -40°C ~ 125°C (TA) Sx v ~ 5.5 V A/D 6x10b	Peripherals	LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Number of I/O	24
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RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Program Memory Type	FLASH
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Data ConvertersA/D 6x10bOscillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case32-LQFPSupplier Device Package-	RAM Size	1K x 8
Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Voltage - Supply (Vcc/Vdd)	3.8 V ~ 5.5 V
Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Data Converters	A/D 6x10b
Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Oscillator Type	External
Package / Case 32-LQFP Supplier Device Package -	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package -	Mounting Type	-
	Package / Case	32-LQFP
Report errors?	Supplier Device Package	-
		Report errors?

ST72F561K6TC Guarantees



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ST72F561K6TC Shipping Methods













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