



ST72F325K4T6 Information



For Reference Only

Part Number ST72F325K4T6

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 16KB 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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ST72F325K4T6 Specifications

Manufacturer Part Number ST72F325K4T6 Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package 32-LQFP Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity 12C, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package - FReport errors?	*	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 32-LQFP Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity 12C, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Manufacturer Part Number	ST72F325K4T6
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Series ST7 Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity 12C, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -		Embedded - Microcontrollers
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Core Size 8-Bit Speed 8MHz Connectivity 12C, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Series	ST7
Speed8MHzConnectivityI2C, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O24Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size512 x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFPSupplier Device Package-	Core Processor	ST7
ConnectivityI2C, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O24Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size512 x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFPSupplier Device Package-	Core Size	8-Bit
Peripherals LVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 6x10b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package - LVD, POR, PWM, WDT 24 A/D A/B Internal	Speed	8MHz
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Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 6x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFPSupplier Device Package-	EEPROM Size	-
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Oscillator Type Internal Operating Temperature -40°C ~ 85°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 ~ 85°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	Internal
Package / Case 32-LQFP Supplier Device Package -	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package -	Mounting Type	-
	Package / Case	32-LQFP
Report errors?	Supplier Device Package	-
		Report errors?

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ST72F325K4T6 Shipping Methods













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