



### ST7FLI49K2T6 Information



For Reference Only

Part Number ST7FLI49K2T6

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 8BIT 8KB 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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# **Certified Quality**

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# ST7FLI49K2T6 Specifications

Manufacturer Part Number         ST7FL149K2T6           Manufacturer         STMicroelectronics           Category         Integrated Circuits (ICs)           Package         32-LQFP           Series         ST7           Core Processor         ST7           Core Size         8-Bit           Speed         8MHz           Connectivity         12C, SPI           Peripherals         LVD, POR, PWM, WDT           Number of I/O         24           Program Memory Size         8KB (8K x 8)           Program Memory Type         FLASH           EEPROM Size         256 x 8           RAM Size         384 x 8           Voltage - Supply (Vcc/Vdd)         2.4 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         4.0°C ~ 85°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         12C, SPI           Peripherals         LVD, POR, PWM, WDT           Number of I/O         24           Program Memory Size         8KB (8K x 8)           Program Memory Type         FLASH           EEPROM Size         256 x 8           RAM Size         384 x 8           Voltage - Supply (Vcc/Vdd)         2.4 V ~ 5.5 V           Data Converters         A/D 10x10b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         32-LQFP           Supplier Device Package         -	Manufacturer Part Number	ST7FLI49K2T6
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Speed8MHzConnectivityI2C, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O24Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size384 x 8Voltage - Supply (Vcc/Vdd)2.4 V ~ 5.5 VData ConvertersA/D 10x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFPSupplier Device Package-	Core Processor	ST7
Connectivity Peripherals LVD, POR, PWM, WDT  Number of I/O 24 Program Memory Size 8KB (8K x 8) Program Memory Type FLASH EEPROM Size 256 x 8  RAM Size Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Package / Case Supplier Device Package -  12C, SPI LVD, POR, PWM, WDT 24  A/D 10x10b  FLASH  EEPROM Size 256 x 8  A/D 10x10b  Internal -40°C ~ 85°C (TA)  -40°C ~ 85°C (TA)  32-LQFP	Core Size	8-Bit
Peripherals  LVD, POR, PWM, WDT  Number of I/O  24  Program Memory Size  8KB (8K x 8)  Program Memory Type  FLASH  EEPROM Size  256 x 8  RAM Size  384 x 8  Voltage - Supply (Vcc/Vdd)  2.4 V ~ 5.5 V  Data Converters  A/D 10x10b  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/D  SUBJECT  SUBJECT	Speed	8MHz
Number of I/O24Program Memory Size8KB (8K x 8)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size384 x 8Voltage - Supply (Vcc/Vdd)2.4 V ~ 5.5 VData ConvertersA/D 10x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFPSupplier Device Package-	Connectivity	I2C, SPI
Program Memory Size Program Memory Type FLASH  EEPROM Size 256 x 8  RAM Size Voltage - Supply (Vcc/Vdd) 2.4 V ~ 5.5 V  Data Converters A/D 10x10b  Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case Supplier Device Package -  8KB (8K x 8)  FLASH FLA	Peripherals	LVD, POR, PWM, WDT
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Voltage - Supply (Vcc/Vdd)2.4 V ~ 5.5 VData ConvertersA/D 10x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-LQFPSupplier Device Package-	EEPROM Size	256 x 8
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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)	2.4 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 32-LQFP  Supplier Device Package -	Data Converters	A/D 10x10b
Mounting Type - Package / Case 32-LQFP Supplier Device Package -	Oscillator Type	Internal
Package / Case 32-LQFP Supplier Device Package -	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package -	Mounting Type	-
	Package / Case	32-LQFP
Report errors?	Supplier Device Package	-
		Report errors?

#### ST7FLI49K2T6 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.

### ST7FLI49K2T6 Payment Methods





















## ST7FLI49K2T6 Shipping Methods













If you have any question about ST7FLI49K2T6, please do not hesitate to contact us!

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