



ST72F561R9TC Information



For Reference Only

Part Number ST72F561R9TC

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 60KB FLASH 64LQFP

Package 64-LQFP

For the pricing/inventory/lead time, please contact

us

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



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ST72F561R9TC Specifications

Manufacturer Part Number ST72F561R9TC Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package 64-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 48 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature 4-0°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package - Report errors?		
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-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 48 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package -	Manufacturer Part Number	ST72F561R9TC
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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 48 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package -		Embedded - Microcontrollers
Core Processor ST7 Core Size 8-Bit Speed 8MHz Connectivity CAN, LINSCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 48 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package -	Package	64-LQFP
Core Size 8-Bit Speed 8MHz Connectivity CAN, LINSCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 48 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package -	Series	ST7
Speed 8MHz Connectivity CAN, LINSCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 48 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type Supplier Device Package -	Core Processor	ST7
Connectivity CAN, LINSCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 48 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature 4-40°C ~ 125°C (TA) Mounting Type Package / Case Supplier Device Package	Core Size	8-Bit
Peripherals Number of I/O 48 Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature 40°C ~ 125°C (TA) Mounting Type - Package / Case Supplier Device Package - LVD, POR, PWM, WDT 48 LVD, POR, PWM, WDT 48 External 60KB (60K x 8) FLASH ELYB FLASH - EXEMBLE - A/D 16x10b - External -40°C ~ 125°C (TA) 64-LQFP Supplier Device Package	Speed	8MHz
Number of I/O Program Memory Size 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b 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 60KB (60K x 8) Program Memory Type FLASH EEPROM Size - 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package -	Peripherals	LVD, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package -	Number of I/O	48
EEPROM Size - 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type Package / Case 64-LQFP Supplier Device Package	Program Memory Size	60KB (60K x 8)
RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package -	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 16x10b External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package - Supplier Device Package	EEPROM Size	-
Data Converters A/D 16x10b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 64-LQFP Supplier Device Package -	RAM Size	2K x 8
Oscillator Type External $ -40^{\circ}\text{C} \sim 125^{\circ}\text{C (TA)} $ Mounting Type $ - $ Package / Case $ 64\text{-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 64-LQFP Supplier Device Package -	Data Converters	A/D 16x10b
Mounting Type - Package / Case 64-LQFP Supplier Device Package -	Oscillator Type	External
Package / Case 64-LQFP Supplier Device Package -	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package -	Mounting Type	-
	Package / Case	64-LQFP
Report errors?	Supplier Device Package	-
		Report errors?

ST72F561R9TC Guarantees



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