



### ST72F561R9TA Information



For Reference Only

Part Number ST72F561R9TA

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

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## ST72F561R9TA Specifications

Manufacturer Part NumberST72F561R9TAManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-LQFPSeriesST7Core ProcessorST7Core Size8-BitSpeed8MHzConnectivityCAN, LINSCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O48Program Memory Size60KB (60K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 16x10bOscillator TypeExternal	<b>.</b>	
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	Manufacturer Part Number	ST72F561R9TA
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Core Size  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)  Data Converters  8-Bit  8-Bit  8-Bit  8-Bit  8-Bit  8-Bit  8-Bit  8  HZ   8  EXAN SU  48  8  48  8  8  8  8  8  8  8  8  8	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	Core Processor	ST7
Connectivity  CAN, LINSCI, SPI  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)  Data Converters  CAN, LINSCI, SPI  LVD, POR, PWM, WDT  48  EVAN, EVAN, EVAN, WDT  48  EVAN, EVA	Core Size	8-Bit
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	Speed	8MHz
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	Connectivity	CAN, LINSCI, SPI
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	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	Number of I/O	48
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RAM Size $ 2K \times 8 $ Voltage - Supply (Vcc/Vdd) $ 3.8 \text{ V} \sim 5.5 \text{ V} $ Data Converters $ A/D  16\text{x} 10\text{b} $	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $3.8 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 16x10b$	EEPROM Size	-
Data Converters A/D 16x10b	RAM Size	2K x 8
	Voltage - Supply (Vcc/Vdd)	3.8 V ~ 5.5 V
Oscillator Type External	Data Converters	A/D 16x10b
External	Oscillator Type	External
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	-
Package / Case 64-LQFP	Package / Case	64-LQFP
Supplier Device Package -	Supplier Device Package	-
Report errors?		Report errors?

#### ST72F561R9TA Guarantees



#### **Quality Guarantees**

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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.



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We guarantee 100% customer satisfaction.

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# ST72F561R9TA Payment Methods



















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