

STM32L021D4P7TR

STM32L021D4P7TR Information

titititi www.bblin.com	Part Number	STM32L021D4P7TR
	Manufacturer	STMicroelectronics
	Category	Integrated Circuits (ICs) Embedded - Microcontrollers
	Description	TSSOP 14 BODY 4.4 PI
	Package	14-TSSOP (0.173", 4.40mm Width)
		For the pricing/inventory/lead time, please contact
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com

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STM32L021D4P7TR Specifications

Manufacturer STMicroelectronics Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 14-TSSOP (0.173", 4.40mm Width) Series STM32L0 Core Processor ARM® Cortex®-M0+ Core Size 32-Bit Speed 32MHz Connectivity PC, IrDA, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 11 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 4x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 14-TSSOP (0.173", 4.40mm Width)			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage14-TSSOP (0.173", 4.40mm Width)SeriesSTM32L0Core ProcessorARM© Cortex®-M0+Core Size32-BitSpeed32MHzConnectivityPC, IrDA, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O11Program Memory Size16KB (16K x 8)EEPROM Size512 x 8RAM SizeS12 x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	STM32L021D4P7TR	
Embedded - MicrocontrollersPackage14-TSSOP (0.173", 4.40mm Width)SeriesSTM32L0Core ProcessorARM® Cortex®-M0+Core Size32-BitSpeed32MHzConnectivityPC, IrDA, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O11Program Memory Size16KB (16K x 8)PerDM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Manufacturer	STMicroelectronics	
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SeriesSTM32L0Core ProcessorARM® Cortex®-M0+Core Size32-BitSpeed32MHzConnectivityPC, IrDA, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O11Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)		Embedded - Microcontrollers	
Core ProcessorARM® Cortex®-M0+Core Size32-BitSpeed32MHzConnectivityPC, IrDA, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O11Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size512 x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Package	14-TSSOP (0.173", 4.40mm Width)	
Core Size32-BitSpeed32MHzConnectivityPC, IrDA, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O11Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator Type-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Series	STM32L0	
Speed32MHzSpeed32MHzConnectivityPC, IrDA, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O11Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)	Core Processor	ARM® Cortex®-M0+	
PrintPrintConnectivityPC, IrDA, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O11Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Core Size	32-Bit	
PeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O11Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Speed	32MHz	
Number of I/O 11 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 512 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 3.6 V Data Converters A/D 4x12b Oscillator Type -40°C ~ 105°C (TA) Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 14-TSSOP (0.173", 4.40mm Width)	Connectivity	I²C, IrDA, SPI, UART/USART	
Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Number of I/O	11	
EEPROM Size512 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Program Memory Size	16KB (16K x 8)	
RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Program Memory Type	FLASH	
NoticeNoticeVoltage - Supply (Vcc/Vdd)1.65 V ~ 3.6 VData ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	EEPROM Size	512 x 8	
Data ConvertersA/D 4x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	RAM Size	2K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 3.6 V	
Operating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Data Converters	A/D 4x12b	
Mounting Type-Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Oscillator Type	Internal	
Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Operating Temperature	-40°C ~ 105°C (TA)	
Supplier Device Package 14-TSSOP	Mounting Type	-	
	Package / Case	14-TSSOP (0.173", 4.40mm Width)	
Report errors?	Supplier Device Package	14-TSSOP	
		Report errors?	

STM32L021D4P7TR 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.

STM32L021D4P7TR Payment Methods





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