

ST72F325J6TAE

ST72F325J6TAE Information



Part NumberST72F325J6TAEManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)
Embedded - MicrocontrollersDescriptionIC MCU 8BIT 32KB FLASH 44LQFPPackage44-LQFP
For the pricing/inventory/lead time, please contact
us
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E-mail: salesdept@heisener.com



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ST72F325J6TAE Specifications

Manufacturer STMicroelectronics Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 44-LQFP Series ST7 Core Processor ST7 Core Size 8-Bit Speed SMHz Connectivity I2C, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 32 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 12x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LQFP		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage44-LQFPSeriesST7Core ProcessorST7Core Size8-BitSpeedSMHzConnectivityI2C, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O32Program Memory SizeSZKB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Manufacturer Part Number	ST72F325J6TAE
IndextedEmbedded - MicrocontrollersPackage44-LQFPSeriesST7Core ProcessorST7Core Size8-BitSpeed8MHzConnectivityI2C, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O32Program Memory Size-PERPOM SizeIKX 8Voltage - Supply (Vcc/Vdd)38 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeHernalOperating Temperature440°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-Supplier Device Package-	Manufacturer	STMicroelectronics
Package44-LQFPSeriesST7Core ProcessorST7Core Size8-BitSpeed8-MHzConnectivityI2C, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O32Program Memory SizeSZKB (32K x 8)Program Memory TypeFLASHEEPROM Size-Notage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeHernalOperating Temperature440°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Category	Integrated Circuits (ICs)
SeriesST7Core ProcessorST7Core Size8-BitSpeed8MHzConnectivityI2C, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O32Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator Type-Program Type-Prenal-Program Size-Suppler Device Package-Supplier Device Package-		Embedded - Microcontrollers
Core ProcessorST7Core Size8-BitSpeed8MHzConnectivity12C, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O32Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Package	44-LQFP
Core Size8-BitSpeed8MHzConnectivityI2C, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O32Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case4.1 QFPSupplier Device Package-	Series	ST7
Speed8MHzConnectivityI2C, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O32Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Core Processor	ST7
Connectivity I2C, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 32 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 3.8 V ~ 5.5 V Data Converters A/D 12x10b Oscillator Type -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LQFP Supplier Device Package -	Core Size	8-Bit
PeripheralsLVD, POR, PWM, WDTNumber of I/O32Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Speed	8MHz
Number of I/O32Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator Type-Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Connectivity	I2C, SCI, SPI
Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Peripherals	LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vd0)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Number of I/O	32
EEPROM Size-RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Program Memory Size	32KB (32K x 8)
RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)3.8 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	EEPROM Size	-
Data ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	RAM Size	1K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Voltage - Supply (Vcc/Vdd)	3.8 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LQFPSupplier Device Package-	Data Converters	A/D 12x10b
Mounting Type-Package / Case44-LQFPSupplier Device Package-	Oscillator Type	Internal
Package / Case44-LQFPSupplier Device Package-	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package -	Mounting Type	-
	Package / Case	44-LQFP
Report errors?	Supplier Device Package	-
		Report errors?

ST72F325J6TAE Guarantees



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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.

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