



ST72C334J4B6 Information



For Reference Only

Part Number ST72C334J4B6

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 16KB FLASH 42SDIP

Package 42-SDIP (0.600", 15.24mm)

For the pricing/inventory/lead time, please contact

us

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



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ST72C334J4B6 Specifications

Manufacturer Part Number ST72C334J4B6 Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 42-SDIP (0.600", 15.24mm) Series ST7 Core Processor ST7 Core Size 8-Bit Speed 16MHz Connectivity SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 32 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3.2 V ~ 5.5 V Data Converters A/D 6x8b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case 42-SDIP (0.600", 15.24mm)	*	
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Core ProcessorST7Core Size8-BitSpeed16MHzConnectivitySCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O32Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size512 x 8Voltage - Supply (Vcc/Vdd)3.2 V ~ 5.5 VData ConvertersA/D 6x8bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-	Package	42-SDIP (0.600", 15.24mm)
Core Size8-BitSpeed $16MHz$ Connectivity SCI , SPI Peripherals LVD , POR , PWM , WDT Number of I/O 32 Program Memory Size $16KB (16K \times 8)$ Program Memory Type $FLASH$ EEPROM Size 256×8 RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $3.2 \ V \sim 5.5 \ V$ Data Converters $A/D 6x8b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}C \sim 85^{\circ}C$ (TA)Mounting Type-	Series	ST7
Speed 16MHz Connectivity SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 32 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3.2 V ~ 5.5 V Data Converters A/D 6x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Core Processor	ST7
Connectivity Peripherals LVD, POR, PWM, WDT Number of I/O 32 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3.2 V ~ 5.5 V Data Converters A/D 6x8b Oscillator Type Internal Operating Temperature Mounting Type - SCI, SPI LVD, POR, PWM, WDT 32 LVD, POR, PWM, WDT 32 Internal Internal -40°C ~ 85°C (TA) Mounting Type -	Core Size	8-Bit
Peripherals LVD, POR, PWM, WDT Number of I/O 32 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 3.2 V ~ 5.5 V Data Converters A/D 6x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Speed	16MHz
Number of I/O Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 6x8b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type -	Connectivity	SCI, SPI
Program Memory Size $16KB (16K \times 8)$ Program Memory TypeFLASHEEPROM Size 256×8 RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $3.2 \times 5.5 \times 8$ Data ConvertersA/D $6x8b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-	Peripherals	LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size 256×8 RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $3.2 \times 5.5 \times 8$ Data ConvertersA/D $6x8b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-	Number of I/O	32
EEPROM Size 256×8 RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $3.2 \times 5.5 \times 10^{-2}$ Data ConvertersA/D 6×8 bOscillator TypeInternalOperating Temperature -40° C $\sim 85^{\circ}$ C (TA)Mounting Type-	Program Memory Size	16KB (16K x 8)
RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $3.2 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 6x8b$ Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type $-$	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $3.2 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D 6x8bOscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-	EEPROM Size	256 x 8
Data ConvertersA/D $6x8b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-	RAM Size	512 x 8
Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type-	Voltage - Supply (Vcc/Vdd)	3.2 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$	Data Converters	A/D 6x8b
Mounting Type -	Oscillator Type	Internal
	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Package / Case 42-SDIP (0.600", 15.24mm)	Mounting Type	-
	Package / Case	42-SDIP (0.600", 15.24mm)
Supplier Device Package -	Supplier Device Package	-
Report errors?		Report errors?

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Quality Guarantees

We provide 90 days warranty. *

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ST72C334J4B6 Shipping Methods













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