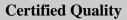


STM32F334C8Y6TR

STM32F334C8Y6TR Information

	Part Number	STM32F334C8Y6TR
	Manufacturer	STMicroelectronics
www.withford	Category	Integrated Circuits (ICs) Embedded - Microcontrollers
	Description	WLCSP 49L DIE 438 PI
	Package	49-UFBGA, WLCSP
		For the pricing/inventory/lead time, please contact us
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com



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STM32F334C8Y6TR Specifications

AnufacturerSTMicroelectronicsAnufacturerIntegrated Circuits (ICs)Embedded - MicrocontrollersAckage49-UFBGA, WLCSPSeriesSTM32F3Core ProcessorARM© Cortex®-M4Core Size32-BitConectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTConectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTPeripheralsDMA, POR, PWM, WDTProgram Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size.Add Size12K x 8Voltage - Supply (Vcc/Vdd)2V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDerating Temperature440°C ~ 85°C (TA)Avacage / Case49-UFBGA, WLCSPAupplier Device Package49-WLCSP			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage49-UFBGA, WLCSPPackageSTM32F3Core ProcessorARM@ Cortex@-M4Core Size32-BitConectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTConnectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTParipheralsDMA, POR, PWM, WDTProgram Memory Size64KB (64K x 8)Corperating Function12K x 8ConvertersJ2K x 8Voltage - Supply (Vcc/Vdd)2V ~ 3.6 VData ConvertersJ4D (51x12b, D/A 3x12bDerating Temperature40°C ~ 85°C (TA)Adounting Type-Ackage / Case49-UFBGA, WLCSPSupplier Device Package9-WLCSP	Manufacturer Part Number	STM32F334C8Y6TR	
Enbedded - MicrocontrollersPackage49-UFBGA, WLCSPSeriesSTM32F3Core ProcessorARM® Cortex®-M4Core Size32-BitSpeed72MHzConnectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTPeripheralsDMA, POR, PWM, WDTProgram Memory Size64KB (64K x 8)Program Memory TypeFLASHSEPROM Size.Add Size12K x 8Voltage - Supply (Vcc/Vdd)2V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDerating Temperature-40°C ~ 85°C (TA)Advage / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Manufacturer	STMicroelectronics	
Ackage49-UFBGA, WLCSPGenesSTM32F3Core ProcessorARM® Cortex®-M4Core Size32-BitSpeed72MHzConnectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTPeripheralsDMA, POR, PWM, WDTProgram Memory Size64KB (64K x 8)Program Memory TypeFLASHConverters12K x 8Voltage - Supply (Vcc/Vdd)2V ~ 3.6 VData ConvertersHornalDynaming TypeHiernalDynaming Type-Scillator Type-Operating Temperature-40°C ~ 85°C (TA)Aunding Type9-UFBGA, WLCSPAupplier Device Package9-WLCSP	Category	Integrated Circuits (ICs)	
SeriesSTM32F3Core ProcessorARM® Cortex®-M4Core Size32-BitSpeed72MHzConnectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTConnectivityDMA, POR, PWM, WDTPeripheralsDMA, POR, PWM, WDTNumber of I/O20Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-AdM Size12K x 8Voltage - Supply (Vcc/Vdd)2V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDoerating Temperature40°C ~ 85°C (TA)Advage / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP		Embedded - Microcontrollers	
Core ProcessorARM® Cortex®-M4Core Size32-BitSpeed72MHzConnectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTPeripheralsDMA, POR, PWM, WDTNumber of I/O20Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-AdM Size12K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VObscillator TypeInternalDerating Temperature-40°C ~ 85°C (TA)Advanting Type-Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Package	49-UFBGA, WLCSP	
Core Size32-BitSpeed72MHzConnectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTPeripheralsDMA, POR, PWM, WDTNumber of I/O20Program Memory Size64KB (64K x 8)Program Memory TypeFLASHSEPROM Size-AdM Size12K x 8Yoltage - Supply (Vcc/Vdd)2V ~ 3.6 VDerating Temperature-40°C ~ 85°C (TA)Adverting Temperature40°C ~ 85°C (TA)Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Series	STM32F3	
Speed72MHzConnectivityCANbus, PC, IrDA, LINbus, SPI, UART/USARTPeripheralsDMA, POR, PWM, WDTSumber of I/O20Program Memory Size64KB (64K x 8)Program Memory TypeFLASHZEPROM Size-CANbus, PC, VARD2V ~ 3.6 VVoltage - Supply (Vcc/Vdd)2V ~ 3.6 VDerating Temperature-40°C ~ 85°C (TA)Operating Temperature-40°C ~ 85°C (TA)Package / Case49-UFBGA, WLCSPSupplier Device Package9-WLCSP	Core Processor	ARM® Cortex®-M4	
ConnectivityCANbus, I²C, IrDA, LINbus, SPI, UART/USARTConnectivityDMA, POR, PWM, WDTPeripheralsDMA, POR, PWM, WDTNumber of I/O20Program Memory Size64KB (64K x 8)Program Memory TypeFLASHBEPROM Size-RAM Size12K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDerating Temperature-40°C ~ 85°C (TA)Aounting Type-Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Core Size	32-Bit	
PeripheralsDMA, POR, PWM, WDTNumber of I/O20Program Memory Size64KB (64K x 8)Program Memory TypeFLASHProgram Memory Type-RAM Size12K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDerating Temperature-40°C ~ 85°C (TA)Aounting Type-Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Speed	72MHz	
Number of I/O20Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-AAM Size12K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDerating Temperature-40°C ~ 85°C (TA)Aounting Type-Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	
Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size12K x 8/oltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Peripherals	DMA, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size12K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDerating Temperature-40°C ~ 85°C (TA)Operating Type-Package / Case49-UFBGA, WLCSPAupplier Device Package49-WLCSP	Number of I/O	20	
GEPROM Size-RAM Size12K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bData ConvertersInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Program Memory Size	64KB (64K x 8)	
RAM Size12K x 8Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDecillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)2 V ~ 3.6 VData ConvertersA/D 15x12b, D/A 3x12bDecillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Aounting Type-Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	EEPROM Size	-	
Data ConvertersA/D 15x12b, D/A 3x12bData ConvertersA/D 15x12b, D/A 3x12bDscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	RAM Size	12K x 8	
Decillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Aounting Type-Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Voltage - Supply (Vcc/Vdd)	2 V ~ 3.6 V	
Parting Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Data Converters	A/D 15x12b, D/A 3x12b	
Mounting Type-Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Oscillator Type	Internal	
Package / Case49-UFBGA, WLCSPSupplier Device Package49-WLCSP	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package 49-WLCSP	Mounting Type	-	
	Package / Case	49-UFBGA, WLCSP	
Report errors?	Supplier Device Package	49-WLCSP	
Report criors:		Report errors?	

STM32F334C8Y6TR 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.

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STM32F334C8Y6TR Shipping Methods



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