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See specifications for product details.



STM32F373VCT6

Manufacturer Part Number	STM32F373VCT6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32F373VCT6
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 256KB FLASH 100LQFP
Package	100-LQFP
Data sheet	STM32F373xx Datasheet.pdf
RoHs Status	ROHS3 Compliant

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Specifications

STM32F373VCT6 Tech Specifications

STM32F373VCT6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	100-LQFP (14x14)	Number of I/O	84
Speed	72MHz	Mounting Type	Surface Mount
Series	STM32F3	EEPROM Size	-
RAM Size	32K x 8	Data Converters	A/D 1x12b, 3x16b; D/A 3x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	ARM® Cortex®-M4
Peripherals	DMA, I ² S, POR, PWM, WDT	Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART, USB
Package / Case	100-LQFP	Base Product Number	STM32F373
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32F373VCT6

Product Attribute				
Part Number	STM32F373VCT6	STM32F373RCT6	STM32F383RCY6TR	STM32F373C8T6TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-
Base Product Number	STM32F373	STM32F373	STM32F383	STM32F373
Peripherals	DMA, I ² S, POR, PWM, WDT	DMA, I ² S, POR, PWM, WDT	DMA, POR, PWM, WDT	DMA, I ² S, POR, PWM, WDT
Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART, USB	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART, USB	CANbus, HDMI-CEC, I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART, USB
Speed	72MHz	72MHz	72MHz	72MHz
Voltage - Supply (Vcc/Vdd)	2V ~ 3.6V	2V ~ 3.6V	1.65V ~ 1.95V	2V ~ 3.6V
Core Processor	ARM® Cortex®-M4	ARM® Cortex®-M4	ARM® Cortex®-M4F	ARM® Cortex®-M4
Program Memory Size	256KB (256K x 8)	256KB (256K x 8)	256KB (256K x 8)	64KB (64K x 8)
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	32K x 8	32K x 8	32K x 8	16K x 8
Supplier Device Package	100-LQFP (14x14)	64-LQFP (10x10)	66-WLCSP (3.8x4.2)	48-LQFP (7x7)
Series	STM32F3	STM32F3	STM32F3	STM32F3
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Number of I/O	84	52	51	36
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Data Converters	A/D 1x12b, 3x16b; D/A 3x12b	A/D 1x12b, 3x16b; D/A 3x12b	A/D 16x12b, 21x16b; D/A 3x12b	A/D 1x12b, 3x16b; D/A 3x12b
Package / Case	100-LQFP	64-LQFP	66-UFBGA, WLCSP	48-LQFP
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Package	Tray	Tray	Tape & Reel (TR)	Tape & Reel (TR)

STM32F373VCT6 Datasheet PDF

Download STM32F373VCT6 pdf datasheets and STMicroelectronics documentation for STM32F373VCT6 - STMicroelectronics.


PCN Packaging

2.73KHz.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

PCN Assembly/Origin

 2.73KHz.pdf

HTML Datasheet

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STM32F373RCT6

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IC MCU 32BIT 256KB FLASH 64LQFP



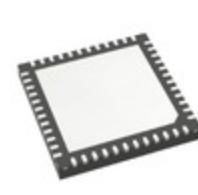
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IC MCU 32BIT 256KB FLASH 66WLCSP



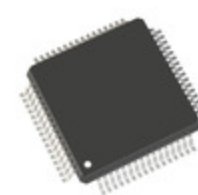
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IC MCU 32BIT 64KB FLASH 48LQFP



STM32F401CCU6

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IC MCU 32BIT 256KB FLSH 48UFQFPN



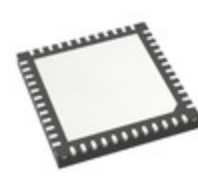
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IC MCU 32BIT 64KB FLASH 64LQFP



STM32F373CCT7

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IC MCU 32BIT 256KB FLASH 48LQFP



STM32F401CBU6TR

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IC MCU 32BIT 128KB FLSH 48UFQFPN



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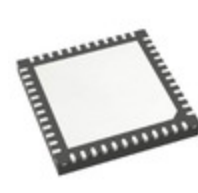
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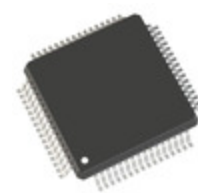
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IC MCU 32BIT 128KB FLASH 100LQFP



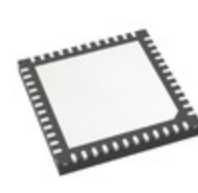
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IC MCU 32BIT 256KB FLSH 48UFQFPN



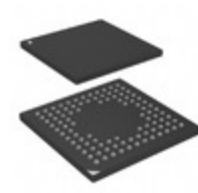
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IC MCU 32BIT 128KB FLASH 64LQFP



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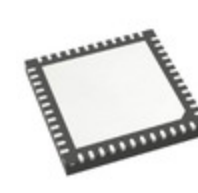
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IC MCU 32BIT 256KB FLSH 100UFBGA



STM32F401CBY6TT

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STM32F401CBU7

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IC MCU 32BIT 128KB FLSH 48UFQFPN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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