



STM32F098RCH6

Manufacturer Part Number	STM32F098RCH6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32F098RCH6
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 256KB FLASH 64UFBGA
Package	64-UFBGA
Data sheet	STM32F098RCH6.pdf
RoHs Status	ROHS3 Compliant



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Specifications

STM32F098RCH6 Tech Specifications

STM32F098RCH6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.65V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-UFBGA (5x5)	Number of I/O	51
Speed	48MHz	Mounting Type	Surface Mount
Series	STM32F0	EEPROM Size	-
RAM Size	32K x 8	Data Converters	A/D 19x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	256KB (256K x 8)	Core Processor	ARM® Cortex®-M0
Peripherals	DMA, I ² S, POR, PWM, WDT	Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
Package / Case	64-UFBGA	Base Product Number	STM32F098
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32F098RCH6

Product Attribute	NO PICTURE	life.augmented		
Part Number	STM32F098RCH6	STM32F091RCH6TR	STM32F091VCT7TR	STM32F091VBT6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	64-UFBGA (5x5)	64-UFBGA (5x5)	100-LQFP (14x14)	100-LQFP (14x14)
Series	STM32F0	STM32F0	STM32F0	STM32F0
Voltage - Supply (Vcc/Vdd)	1.65V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V	2V ~ 3.6V
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tray
Package / Case	64-UFBGA	64-UFBGA	100-LQFP	100-LQFP
Data Converters	A/D 19x12b; D/A 2x12b	A/D 19x12b; D/A 2x12b	A/D 19x12b; D/A 2x12b	A/D 19x12b; D/A 2x12b
Speed	48MHz	48MHz	48MHz	48MHz
RAM Size	32K x 8	32K x 8	32K x 8	32K x 8
Base Product Number	STM32F098	STM32F091	STM32F091	STM32F091
Peripherals	DMA, I ² S, POR, PWM, WDT	DMA, I ² S, POR, PWM, WDT	DMA, I ² S, POR, PWM, WDT	DMA, I ² S, POR, PWM, WDT
Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Core Processor	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0	ARM® Cortex®-M0
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 85°C (TA)
Program Memory Size	256KB (256K x 8)	256KB (256K x 8)	256KB (256K x 8)	128KB (128K x 8)
EEPROM Size	-	-	-	-
Number of I/O	51	52	88	88
Oscillator Type	Internal	Internal	Internal	Internal

STM32F098RCH6 Datasheet PDF

Download STM32F098RCH6 pdf datasheets and STMicroelectronics documentation for STM32F098RCH6 - STMicroelectronics.

PCN Packaging

2.73KHz.pdf









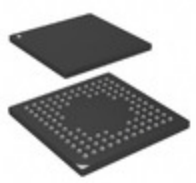
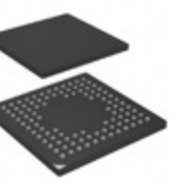








PCN Design/Specification

STM32F0 31/Mar/2017.pdf

 2.73KHz.pdf

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Recommended Products

					
STM32F091RCH6TR STMicroelectronics IC MCU 32BIT 256KB FLASH 64UFBGA	STM32F091VCT7TR STMicroelectronics IC MCU 32BIT 256KB FLSH 100LQFP	STM32F100B6 STMicroelectronics	STM32F091VBT6 STMicroelectronics IC MCU 32BIT 128KB FLASH 100LQFP	STM32F091RCT6 STMicroelectronics IC MCU 32BIT 256KB FLASH 64LQFP	STM32F091VCT6 STMicroelectronics IC MCU 32BIT 256KB FLASH 100LQFP
					
STM32F091RCT6TR STMicroelectronics IC MCU 32BIT 256KB FLASH 64LQFP	STM32F100C6T6B STMicroelectronics IC MCU 32BIT 32KB FLASH 48LQFP	STM32F091VCH6 STMicroelectronics IC MCU 32BIT 256KB FLSH 100UFBGA	STM32F091VCH7 STMicroelectronics IC MCU 32BIT 256KB FLSH 100UFBGA	STM32F100C6T7B STMicroelectronics IC MCU 32BIT 32KB FLASH 48LQFP	STM32F100B6GK STMicroelectronics
					
STM32F100C4T6B STMicroelectronics IC MCU 32BIT 16KB FLASH 48LQFP	STM32F100C8T6B STMicroelectronics IC MCU 32BIT 64KB FLASH 48LQFP	STM32F091RCT7 STMicroelectronics IC MCU 32BIT 256KB FLASH 64LQFP	STM32F091RCT6,32 STMicroelectronics	STM32F100C6T6 STMicroelectronics	STM32F100C6T6BTR STMicroelectronics IC MCU 32BIT 32KB FLASH 48LQFP

Shipment

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Delivery Cost

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 - > 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.

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