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See specifications for product details.



STM32F215RGT6

Manufacturer Part Number	STM32F215RGT6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32F215RGT6
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MCU 32BIT 1MB FLASH 64LQFP
Package	64-LQFP
Data sheet	STM32 F2 Series Brochure.pdf STM32F215xx, STM32F217xx.pdf
RoHs Status	ROHS3 Compliant

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STM32F215RGT6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM32F215RGT6 datasheet/specifications on AllelcoElec.com.
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Specifications

STM32F215RGT6 Tech Specifications

STM32F215RGT6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	64-LQFP (10x10)	Number of I/O	51
Speed	120MHz	Mounting Type	Surface Mount
Series	STM32F2	EEPROM Size	-
RAM Size	132K x 8	Data Converters	A/D 16x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	1MB (1M x 8)	Core Processor	ARM® Cortex®-M3
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT	Connectivity	CANbus, I ² C, IrDA, LINbus, MMC, SPI, UART/USART, USB OTG
Package / Case	64-LQFP	Base Product Number	STM32F215
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32F215RGT6

Product Attribute				
Part Number	STM32F215RGT6	STM32F215ZGT6	STM32F207ZET6	STM32F207ZCT6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of I/O	51	114	114	114
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
Series	STM32F2	STM32F2	STM32F2	STM32F2
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
RAM Size	132K x 8	132K x 8	132K x 8	132K x 8
Package / Case	64-LQFP	144-LQFP	144-LQFP	144-LQFP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	1MB (1M x 8)	1MB (1M x 8)	512KB (512K x 8)	256KB (256K x 8)
Oscillator Type	Internal	Internal	Internal	Internal
Data Converters	A/D 16x12b; D/A 2x12b	A/D 24x12b; D/A 2x12b	A/D 24x12b; D/A 2x12b	A/D 24x12b; D/A 2x12b
Connectivity	CANbus, I ² C, IrDA, LINbus, MMC, SPI, UART/USART, USB OTG	CANbus, I ² C, IrDA, LINbus, MMC, SPI, UART/USART, USB OTG	CANbus, Ethernet, I ² C, IrDA, LINbus, Memory Card, SPI, UART/USART, USB OTG	CANbus, Ethernet, I ² C, IrDA, LINbus, Memory Card, SPI, UART/USART, USB OTG
Speed	120MHz	120MHz	120MHz	120MHz
Base Product Number	STM32F215	STM32F215	STM32F207	STM32F207
EEPROM Size	-	-	-	-
Supplier Device Package	64-LQFP (10x10)	144-LQFP (20x20)	144-LQFP (20x20)	144-LQFP (20x20)
Core Processor	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

STM32F215RGT6 Datasheet PDF

Download STM32F215RGT6 pdf datasheets and STMicroelectronics documentation for STM32F215RGT6 - STMicroelectronics.

HTML Datasheet



















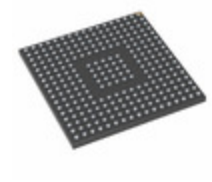

STM32 F2 Series Brochure.pdf



STM32F215xx, STM32F217xx.pdf

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STM32F207ZFT6,32 STMicroelectronics	STM32F207ZET6TR STMicroelectronics IC MCU 32BIT 512KB FLASH 144LQFP	STM32F207ZGT6 STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	STM32F217VET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP	STM32F215ZET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 144LQFP	STM32F207ZGT7 STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP
					
STM32F217IGT6 STMicroelectronics IC MCU 32BIT 1MB FLASH 176LQFP	STM32F215ZGT7TR STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	STM32F207ZFT6 STMicroelectronics IC MCU 32BIT 768KB FLASH 144LQFP	STM32F217IGH6,32 STMicroelectronics	STM32F217IGH6 STMicroelectronics IC MCU 32BIT 1MB FLASH 176UFBGA	STM32F207ZGT6TR STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP

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

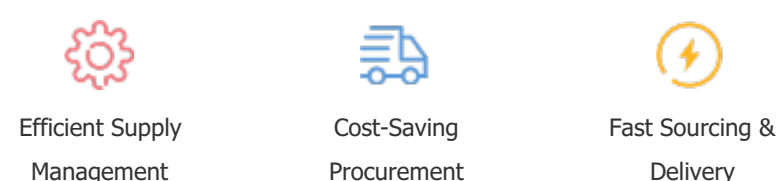
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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