

Image may be representation.
See specifications for product details.



STM32L4R9ZGJ6

Manufacturer Part Number	STM32L4R9ZGJ6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32L4R9ZGJ6
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 1MB FLASH 144UFBGA
Package	144-UFBGA
Data sheet	STM32L4R9ZGJ6.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STM32L4R9ZGJ6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L4R9ZGJ6 datasheet/specifications on AllelcoElec.com.
Request a quote for STM32L4R9ZGJ6, please send us email: info@allelco.com

Specifications

STM32L4R9ZGJ6 Tech Specifications
STM32L4R9ZGJ6 - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	144-UFBGA (10x10)	Number of I/O	112
Speed	120MHz	Mounting Type	Surface Mount
Series	STM32L4R	EEPROM Size	-
RAM Size	640K 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®-M4
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Connectivity	CANbus, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, SAI, SPI, UART/USART, USB OTG
Package / Case	144-UFBGA	Base Product Number	STM32L4R9
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32L4R9ZGJ6

Product Attribute				
Part Number	STM32L4R9ZGJ6	STM32L552CCT6	STM32L4R5VGT6	STM32L4R5ZIT6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, SAI, SPI, UART/USART, USB OTG	CANbus, I ² C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB	CANbus, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, SAI, SPI, UART/USART, USB OTG	CANbus, EBI/EMI, I ² C, IrDA, LINbus, MMC/SD, SAI, SPI, UART/USART, USB OTG
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	120MHz	110MHz	120MHz	120MHz
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Brown-out Detect/Reset, DMA, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Supplier Device Package	144-UFBGA (10x10)	48-LQFP (7x7)	100-LQFP (14x14)	144-LQFP (20x20)
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Core Processor	ARM® Cortex®-M4	ARM® Cortex®-M33	ARM® Cortex®-M4	ARM® Cortex®-M4
Oscillator Type	Internal	Internal	Internal	Internal
RAM Size	640K x 8	256K x 8	640K x 8	640K x 8
Series	STM32L4R	STM32L5	STM32L4R	STM32L4R
Program Memory Type	FLASH	FLASH	FLASH	FLASH
EEPROM Size	-	-	-	-
Base Product Number	STM32L4R9	STM32L552	STM32L4R5	STM32L4R5
Package	Tray	Tray	Tray	Tray
Data Converters	A/D 16x12b; D/A 2x12b	A/D 9x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Program Memory Size	1MB (1M x 8)	256KB (256K x 8)	1MB (1M x 8)	2MB (2M x 8)
Number of I/O	112	38	83	115
Package / Case	144-UFBGA	48-LQFP	100-LQFP	144-LQFP
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

STM32L4R9ZGJ6 Datasheet PDF

Download STM32L4R9ZGJ6 pdf datasheets and STMicroelectronics documentation for STM32L4R9ZGJ6 - STMicroelectronics.

PCN Packaging




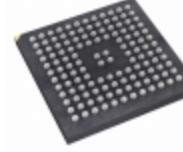
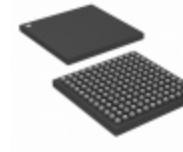
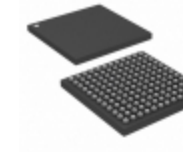
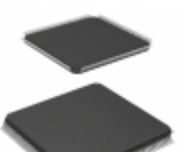
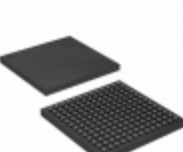
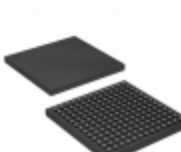
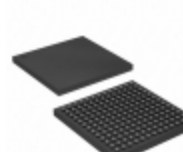

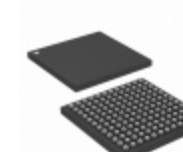

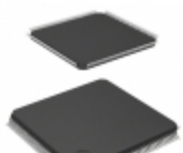
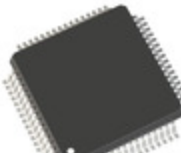


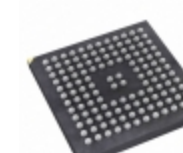
Material Barrier Bag 17/Dec/2020.pdf

PCN Design/Specification

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 STM32L552CCT6 STMicroelectronics IC MCU 32BIT 256KB FLASH 48LQFP	 STM32L4R5VGT6 STMicroelectronics IC MCU 32BIT 1MB FLASH 100LQFP	 STM32L4R5ZIT6 STMicroelectronics IC MCU 32BIT 2MB FLASH 144LQFP	 STM32L4R5QII6 STMicroelectronics IC MCU 32BIT 2MB FLASH 132UFBGA	 STM32L4R9ZIJ6 STMicroelectronics IC MCU 32BIT 2MB FLASH 144UFBGA	 STM32L4R9ZIY6TR STMicroelectronics IC MCU 32BIT 2MB FLASH 144WLCSP
 STM32L4S5ZIT6 STMicroelectronics IC MCU 32BIT 2MB FLASH 144LQFP	 STM32L4R5AII6 STMicroelectronics IC MCU 32BIT 2MB FLASH 169UFBGA	 STM32L4R9AII6 STMicroelectronics IC MCU 32BIT 2MB FLASH 169UFBGA	 STM32L4R9AGI6 STMicroelectronics IC MCU 32BIT 1MB FLASH 169UFBGA	 STM32L4R9ZIT6 STMicroelectronics IC MCU 32BIT 2MB FLASH 144LQFP	 STM32L4R9ZIY6PTR STMicroelectronics IC MCU 32BIT 2MB FLASH 144WLCSP
 STM32L552VET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP	 STM32L4R5ZGT6 STMicroelectronics IC MCU 32BIT 1MB FLASH 144LQFP	 STM32L552RET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 64LQFP	 STM32L4R5VIT6 STMicroelectronics IC MCU 32BIT 2MB FLASH 100LQFP	 STM32L552CET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 48LQFP	 STM32L4R5QII6P STMicroelectronics IC MCU 32BIT 2MB FLASH 132UFBGA

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



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com