

Image may be representation.
See specifications for product details.



STM32L152C6T6

Manufacturer Part Number	STM32L152C6T6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM32L152C6T6
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 32KB FLASH 48LQFP
Package	48-LQFP
Data sheet	STM32L15xx(6, 8, B).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STM32L152C6T6 - STMicroelectronics.New Original in Stock. Download Linear Technology STM32L152C6T6 datasheet/specifications on AllelcoElec.com.
Request a quote for STM32L152C6T6, please send us email: info@allelco.com

Specifications

STM32L152C6T6 Tech Specifications
STM32L152C6T6 - 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	48-LQFP (7x7)	Number of I/O	37
Speed	32MHz	Mounting Type	Surface Mount
Series	STM32L1	EEPROM Size	4K x 8
RAM Size	10K x 8	Data Converters	A/D 16x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	32KB (32K x 8)	Core Processor	ARM® Cortex®-M3
Peripherals	Brown-out Detect/Reset, Cap Sense, DMA, I ² S, LCD, POR, PWM, WDT	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART, USB
Package / Case	48-LQFP	Base Product Number	STM32L152
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32L152C6T6

Product Attribute				
Part Number	STM32L152C6T6	STM32L152CBT6	STM32L152CCT6	STM32L152C8U6A
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of I/O	37	37	37	37
Oscillator Type	Internal	Internal	Internal	Internal
Package	Tray	Tray	Tray	Tray
Voltage - Supply (Vcc/Vdd)	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V	1.8V ~ 3.6V
RAM Size	10K x 8	16K x 8	32K x 8	32K x 8
Peripherals	Brown-out Detect/Reset, Cap Sense, DMA, I ² S, LCD, POR, PWM, WDT	Brown-out Detect/Reset, Cap Sense, DMA, I ² S, LCD, POR, PWM, WDT	Brown-out Detect/Reset, Cap Sense, DMA, I ² S, LCD, POR, PWM, WDT	Brown-out Detect/Reset, Cap Sense, DMA, I ² S, LCD, POR, PWM, WDT
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Series	STM32L1	STM32L1	STM32L1	STM32L1
Core Processor	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	48-LQFP	48-LQFP	48-LQFP	48-UFQFN Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	4K x 8	4K x 8	8K x 8	4K x 8
Speed	32MHz	32MHz	32MHz	32MHz
Program Memory Size	32KB (32K x 8)	128KB (128K x 8)	256KB (256K x 8)	64KB (64K x 8)
Base Product Number	STM32L152	STM32L152	STM32L152	STM32L152
Supplier Device Package	48-LQFP (7x7)	48-LQFP (7x7)	48-LQFP (7x7)	48-UFQFPN (7x7)
Data Converters	A/D 16x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b	A/D 14x12b; D/A 2x12b	A/D 16x12b; D/A 2x12b
Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART, USB	I ² C, IrDA, LINbus, SPI, UART/USART, USB	I ² C, IrDA, LINbus, SPI, UART/USART, USB	I ² C, IrDA, LINbus, SPI, UART/USART, USB

STM32L152C6T6 Datasheet PDF

Download STM32L152C6T6 pdf datasheets and STMicroelectronics documentation for STM32L152C6T6 - STMicroelectronics.

PCN Packaging

2.73KHz.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

PCN Assembly/Origin


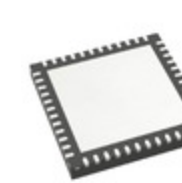
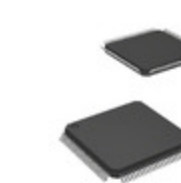

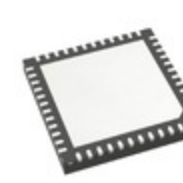
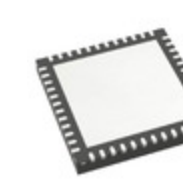




 STM32L1x 17/Nov/2022.pdf

HTML Datasheet

 STM32L15xx(6, 8, B).pdf

Customers Also Interested in

Recommended Products

					
STM32L152CBT6 STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP	STM32L152CCT6 STMicroelectronics IC MCU 32BIT 256KB FLASH 48LQFP	STM32L151VET6,32 STMicroelectronics	STM32L152C8U6A STMicroelectronics IC MCU 32BIT 64KB FLASH 48UFQFPN	STM32L151ZDT6 STMicroelectronics IC MCU 32BIT 384KB FLASH 144LQFP	STM32L151VET6 STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP
					
STM32L151VET6TR STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP	STM32L151VEY6 STMicroelectronics	STM32L152CCU6 STMicroelectronics IC MCU 32BIT 256KB FLSH 48UFQFPN	STM32L152R8T6A STMicroelectronics IC MCU 32BIT 64KB FLASH 64LQFP	STM32L152C6U6A STMicroelectronics IC MCU 32BIT 32KB FLASH 48UFQFPN	STM32L152C8T6 STMicroelectronics IC MCU 32BIT 64KB FLASH 48LQFP
					
STM32L152C8T6A STMicroelectronics IC MCU 32BIT 64KB FLASH 48LQFP	STM32L152R8T6 STMicroelectronics IC MCU 32BIT 64KB FLASH 64LQFP	STM32L152CBT6A STMicroelectronics IC MCU 32BIT 128KB FLASH 48LQFP	STM32L151VEY6TR STMicroelectronics IC MCU 32BIT 512KB FLSH 104WLCSP	STM32L151VDT6TR STMicroelectronics CONTROLLER / PROCESSOR	STM32L151VET7 STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP

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

