

Image may be representation.  
See specifications for product details.



## STM32L562ZET6

Manufacturer Part Number	<a href="#">STM32L562ZET6</a>
Manufacturer	<a href="#">STMicroelectronics</a>
Allelco Part Number	32D-STM32L562ZET6
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT 512KB FLASH 144LQFP
Package	144-LQFP
Data sheet	<a href="#">STM32L562xx.pdf</a>
RoHs Status	ROHS3 Compliant

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## Specifications

STM32L562ZET6 Tech Specifications

STM32L562ZET6 - 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-LQFP (20x20)	Number of I/O	115
Speed	110MHz	Mounting Type	Surface Mount
Series	STM32L5	EEPROM Size	-
RAM Size	256K x 8	Data Converters	A/D 16x12b; D/A 2x12b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	512KB (512K x 8)	Core Processor	ARM® Cortex®-M33
Peripherals	Brown-out Detect/Reset, DMA, PWM, WDT	Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB
Package / Case	144-LQFP	Base Product Number	STM32L562
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM32L562ZET6

Product Attribute				
Part Number	STM32L562ZET6	<a href="#">STM32L562VET6TR</a>	<a href="#">STM32L552CET6</a>	<a href="#">STM32L552CCT6</a>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Core Size	32-Bit Single-Core	32-Bit	32-Bit Single-Core	32-Bit Single-Core
Speed	110MHz	110MHz	110MHz	110MHz
Number of I/O	115	83	38	38
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Core Processor	ARM® Cortex®-M33	ARM® Cortex®-M33	ARM® Cortex®-M33	ARM® Cortex®-M33
Base Product Number	STM32L562	-	STM32L552	STM32L552
Program Memory Size	512KB (512K x 8)	512KB (512K x 8)	512KB (512K x 8)	256KB (256K x 8)
Package / Case	144-LQFP	100-LQFP	48-LQFP	48-LQFP
Peripherals	Brown-out Detect/Reset, DMA, PWM, WDT	Brown-out Detect/Reset, DMA, PWM, WDT	Brown-out Detect/Reset, DMA, PWM, WDT	Brown-out Detect/Reset, DMA, PWM, WDT
Voltage - Supply (Vcc/Vdd)	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V	1.71V ~ 3.6V
Package	Tray	Tape & Reel (TR)	Tray	Tray
Data Converters	A/D 16x12b; D/A 2x12b	A/D 16x12b SAR; D/A 2x12b	A/D 9x12b; D/A 2x12b	A/D 9x12b; D/A 2x12b
Program Memory Type	FLASH	FLASH	FLASH	FLASH
RAM Size	256K x 8	256K x 8	256K x 8	256K x 8
Oscillator Type	Internal	External, Internal	Internal	Internal
Supplier Device Package	144-LQFP (20x20)	100-LQFP (14x14)	48-LQFP (7x7)	48-LQFP (7x7)
Series	STM32L5	STM32L5	STM32L5	STM32L5
Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB	CANbus, FIFO, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, SAI, SMBus, SPI, UART/USART, USB	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB	CANbus, I <sup>2</sup> C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB
EEPROM Size	-	-	-	-

## STM32L562ZET6 Datasheet PDF

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### Datasheets

[STM32L562xx.pdf](#)

### PCN Packaging

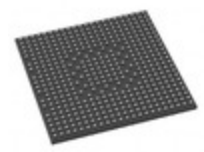


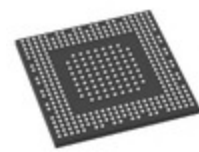

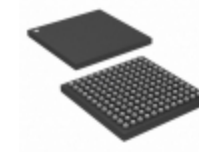
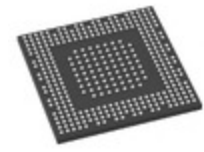

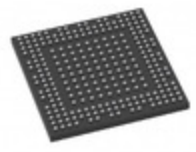

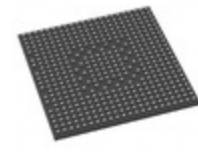


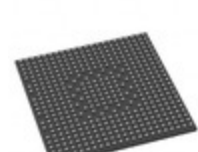

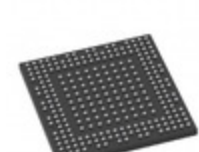
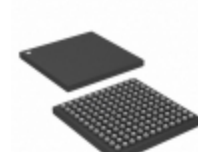
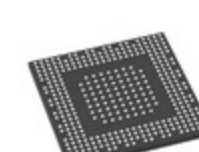
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<b>STM32MP153AAB3</b> STMicroelectronics MPU ARM DUAL CORTEX-A7 650 MHZ A	<b>STM32L562VET6</b> STMicroelectronics IC MCU 32BIT 512KB FLASH 100LQFP	<b>STM32MP151CAD3</b> STMicroelectronics MPU WITH ARM CORTEX-A7 650 MHZ,	<b>STM32MP157C-DK2</b> STMicroelectronics DISCOVERY STM32MP157C CRYPTO BRD	<b>STM32MP153AAA3</b> STMicroelectronics MPU ARM DUAL CORTEX-A7 650 MHZ A	<b>STM32L562ZET6TR</b> STMicroelectronics CONTROLLER / PROCESSOR
					
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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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