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See specifications for product details.



STM8L101F3U6TR

Manufacturer Part Number	STM8L101F3U6TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STM8L101F3U6TR
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 8KB FLASH 20UFQFPN
Package	20-UFQFN
Data sheet	STM8L101x1, x2, x3.pdf
RoHs Status	ROHS3 Compliant

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Specifications

STM8L101F3U6TR Tech Specifications
STM8L101F3U6TR - 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	20-UFQFPN (3x3)	Number of I/O	18
Speed	16MHz	Mounting Type	Surface Mount
Series	STM8L EnergyLite	EEPROM Size	2K x 8
RAM Size	1.5K x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	8KB (8K x 8)	Core Processor	STM8
Peripherals	Infrared, POR, PWM, WDT	Connectivity	I ² C, SPI, UART/USART
Package / Case	20-UFQFN	Base Product Number	STM8
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STM8L101F3U6TR

Product Attribute				
Part Number	STM8L101F3U6TR	STM8L052R8T6	STM8L101K3U6	STM8L101F3P6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Core Processor	STM8	STM8	STM8	STM8
Peripherals	Infrared, POR, PWM, WDT	Brown-out Detect/Reset, DMA, IR, LCD, POR, PWM, WDT	Infrared, POR, PWM, WDT	Infrared, POR, PWM, WDT
Data Converters	-	A/D 28x12b	-	-
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
Supplier Device Package	20-UFQFPN (3x3)	64-LQFP (10x10)	32-UFQFPN (5x5)	20-TSSOP
Voltage - Supply (Vcc/Vdd)	1.65V ~ 3.6V	1.8V ~ 3.6V	1.65V ~ 3.6V	1.65V ~ 3.6V
EEPROM Size	2K x 8	256 x 8	2K x 8	2K x 8
Package	Tape & Reel (TR)	Tray	Tray	Tray
Speed	16MHz	16MHz	16MHz	16MHz
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	20-UFQFN	64-LQFP	32-UFQFN Exposed Pad	20-TSSOP (0.173', 4.40mm Width)
Series	STM8L EnergyLite	STM8L EnergyLite	STM8L EnergyLite	STM8L EnergyLite
Number of I/O	18	54	30	18
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
RAM Size	1.5K x 8	4K x 8	1.5K x 8	1.5K x 8
Base Product Number	STM8	STM8	STM8	STM8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Program Memory Size	8KB (8K x 8)	64KB (64K x 8)	8KB (8K x 8)	8KB (8K x 8)
Oscillator Type	Internal	Internal	Internal	Internal
Connectivity	I ² C, SPI, UART/USART	I ² C, IrDA, SPI, UART/USART	I ² C, SPI, UART/USART	I ² C, SPI, UART/USART

STM8L101F3U6TR Datasheet PDF

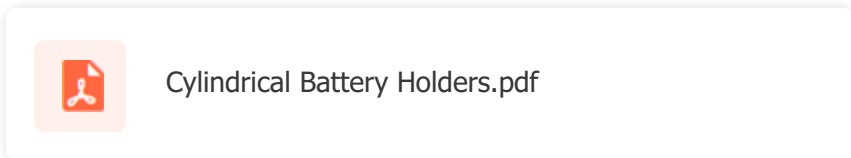
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STM8L052R8T6TR STMicroelectronics IC MCU 8BIT 64KB FLASH 64LQFP	STM8L101F3U6ATR STMicroelectronics IC MCU 8BIT 8KB FLASH 20UFQFPN	STM8L101F3P6TR STMicroelectronics IC MCU 8BIT 8KB FLASH 20TSSOP	STM8L101K3T6C STMicroelectronics	STM8L101F1U6ATR STMicroelectronics IC MCU 8BIT 2KB FLASH 20UFQFPN	STM8L151C8T3 STMicroelectronics IC MCU 8BIT 64KB FLASH 48LQFP
STM8L151C6T6 STMicroelectronics IC MCU 8BIT 32KB FLASH 48LQFP	STM8L151APLY6TR STMicroelectronics	STM8L151C8T6 STMicroelectronics IC MCU 8BIT 64KB FLASH 48LQFP	STM8L101F2U6A STMicroelectronics	STM8L151C4U6 STMicroelectronics IC MCU 8BIT 16KB FLASH 48UFQFPN	STM8L101K3T6 STMicroelectronics IC MCU 8BIT 8KB FLASH 32LQFP

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.
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Contact us if you have any questions.

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