STR912FAW47X6T

Manufacturer Part Number	STR912FAW47X6T
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STR912FAW47X6T
ECAD Model	▶ Request Free CAD Models
Parts Description	IC MCU 32BIT 2MB FLASH 128LQFP
Package	128-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHS Status	RoHS ROHS3 Compliant

Image may be representation.
See specifications for product details.

Get a Quote

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Specifications

STR912FAW47X6T Tech Specifications
STR912FAW47X6T - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	1.65V ~ 2V	Operating Temperature	-40°C ~ 85°C (TA)
Speed	96MHz	Number of I/O	80
Series	STR9	Mounting Type	Surface Mount
RAM Size	96K x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 8x10b
Program Memory Size	2MB (2M x 8)	Core Size	16/32-Bit
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Core Processor	ARM9®
Package / Case	128-LQFP	Connectivity	CANbus, EBI/EMI, Ethernet, I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB
Package	Tape & Reel (TR)	Base Product Number	STR912

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STR912FAW47X6T

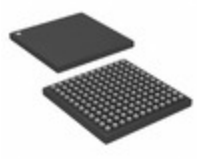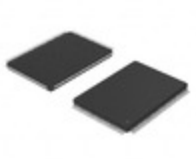| Product Attribute				
Part Number	STR912FAW47X6T	STR912FAZ44H6	STR911FAW46X6	STR912FAZ47H6T
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
RAM Size	96K x 8	96K x 8	96K x 8	96K x 8
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	STR9	STR9	STR9	STR9
Package	Tape & Reel (TR)	Tray	Tray	Tape & Reel (TR)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
Base Product Number	STR912	STR912	STR911	STR912
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Package / Case	128-LQFP	144-LFBGA	128-LQFP	144-LFBGA
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Program Memory Size	2MB (2M x 8)	512KB (512K x 8)	1MB (1M x 8)	2MB (2M x 8)
Connectivity	CANbus, EBI/EMI, Ethernet, I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB	CANbus, EBI/EMI, Ethernet, I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB	CANbus, EBI/EMI, I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB	CANbus, EBI/EMI, Ethernet, I²C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB
Core Processor	ARM9®	ARM9®	ARM9®	ARM9®
EEPROM Size	-	-	-	-
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	80	80	80	80
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Voltage - Supply (Vcc/Vdd)	1.65V ~ 2V	1.65V ~ 2V	1.65V ~ 2V	1.65V ~ 2V
Speed	96MHz	96MHz	96MHz	96MHz

STR912FAW47X6T Datasheet PDF
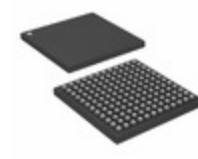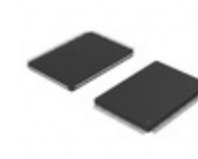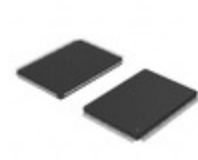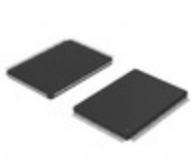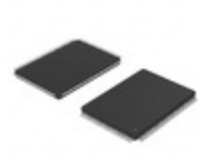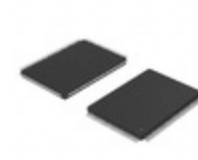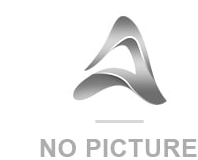
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Datasheets

📄 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

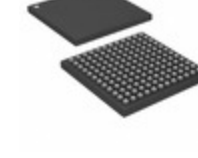| STR912FAZ44H6	STR912FAW44X	STR911FAW46X6	STRA6351A	STR912FAZ47H6T	STR912FAW46X6
STMicroelectronics	STMicroelectronics	STMicroelectronics	Sanken Electric Co., Ltd.	STMicroelectronics	STMicroelectronics
IC MCU 32BIT 512KB FLASH 144BGA		IC MCU 32BIT 1MB FLASH 128LQFP		IC MCU 32BIT 2MB FLASH 144BGA	IC MCU 32BIT 1MB FLASH 128LQFP

STRA6351	STR912FAW47X6	STR911FAW42X6	STR912FAW44X6	STR911FAW47X6	STR9202
SK	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STAR
	IC MCU 32BIT 2MB FLASH 128LQFP	IC MCU 32BIT 256KB FLASH 128LQFP	IC MCU 32BIT 512KB FLASH 128LQFP	IC MCU 32BIT 2MB FLASH 128LQFP	

STRA6159	STR912FAW44X6T	STR912FAW42X6	STRA6252	STR911FAW44X6	STR912FAZ44H6T
Sanken Electric Co., Ltd.	STMicroelectronics	STMicroelectronics	Sanken Electric Co., Ltd.	STMicroelectronics	STMicroelectronics
	IC MCU 32BIT 512KB FLASH 128LQFP	IC MCU 32BIT 256KB FLASH 128LQFP		IC MCU 32BIT 512KB FLASH 128LQFP	IC MCU 32BIT 512KB FLASH 144BGA

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.
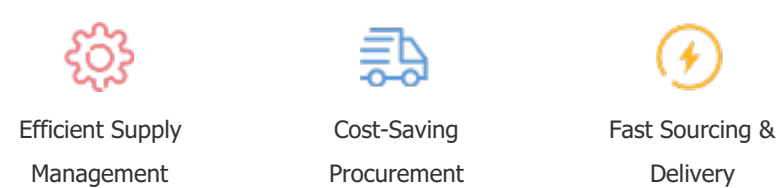
Contact us if you have any questions.
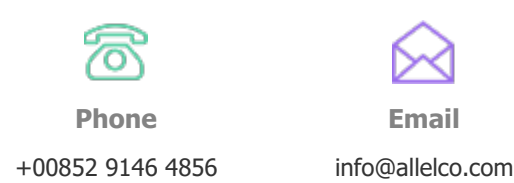
Payment Support

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

EAST WEST BANK · MasterCard · VISA · WESTERN UNION · PayPal

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Fast Sourcing & Delivery

Contact us if you have any questions.

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Email
info@allelco.com

Certifications & Memberships

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