



Image may be representation.
See specifications for product details.



STR910FAW32X6

Manufacturer Part Number	STR910FAW32X6
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STR910FAW32X6
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 256KB FLASH 128LQFP
Package	128-LQFP
Data sheet	STR91xFAYyy.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STR910FAW32X6 - STMicroelectronics.New Original in Stock. Download Linear Technology STR910FAW32X6 datasheet/specifications on AllelcoElec.com.
Request a quote for STR910FAW32X6, please send us email: info@allelco.com

Specifications

STR910FAW32X6 Tech Specifications

STR910FAW32X6 - 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	64K x 8	EEPROM Size	-
Program Memory Type	FLASH	Data Converters	A/D 8x10b
Program Memory Size	256KB (256K x 8)	Core Size	16/32-Bit
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Core Processor	ARM9®
Package / Case	128-LQFP	Connectivity	CANbus, EBI/EMI, I ² C, IrDA, Microwire, SPI, SSI, SSP, UART/USART
Package	Tray	Base Product Number	STR910

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STR910FAW32X6

Product Attribute				
Part Number	STR910FAW32X6	STR911FAW47X6	STR911FAM47X6	STR911FAW44X6
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply (Vcc/Vdd)	1.65V ~ 2V	1.65V ~ 2V	1.65V ~ 2V	1.65V ~ 2V
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Core Processor	ARM9®	ARM9®	ARM9®	ARM9®
Number of I/O	80	80	40	80
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
EEPROM Size	-	-	-	-
Data Converters	A/D 8x10b	A/D 8x10b	A/D 8x10b	A/D 8x10b
Package	Tray	Tray	Tray	Tray
RAM Size	64K x 8	96K x 8	96K x 8	96K x 8
Connectivity	CANbus, EBI/EMI, I ² C, IrDA, Microwire, SPI, SSI, SSP, UART/USART	CANbus, EBI/EMI, I ² C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB	CANbus, I ² C, IrDA, Microwire, SPI, SSP, UART/USART, USB	CANbus, EBI/EMI, I ² C, IrDA, Microwire, SPI, SSI, SSP, UART/USART, USB
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Oscillator Type	Internal	Internal	Internal	Internal
Program Memory Size	256KB (256K x 8)	2MB (2M x 8)	2MB (2M x 8)	512KB (512K x 8)
Series	STR9	STR9	STR9	STR9
Speed	96MHz	96MHz	96MHz	96MHz
Core Size	16/32-Bit	16/32-Bit	16/32-Bit	16/32-Bit
Package / Case	128-LQFP	128-LQFP	80-LQFP	128-LQFP
Base Product Number	STR910	STR911	STR911	STR911

STR910FAW32X6 Datasheet PDF

Download STR910FAW32X6 pdf datasheets and STMicroelectronics documentation for STR910FAW32X6 - STMicroelectronics.

Datasheets

STR91xFAYyy.pdf


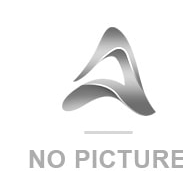



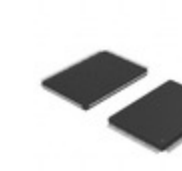
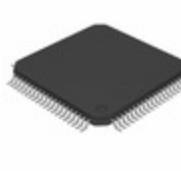
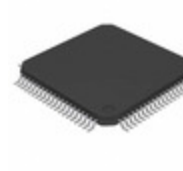
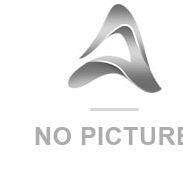
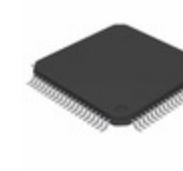



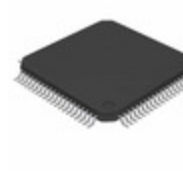
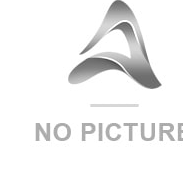


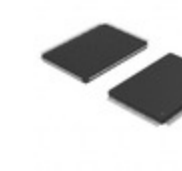
PCN Assembly/Origin

MMS-MIC/14/8747 14/Nov/2014.pdf

PCN Obsolescence/ EOL

Customers Also Interested in

Recommended Products

 STR9102 STAR	 STR9105-AD11G STAR	 STR911FAW47X6 STMicroelectronics IC MCU 32BIT 2MB FLASH 128LQFP	 STR911FAM47X6 STMicroelectronics IC MCU 32BIT 2MB FLASH 80LQFP	 STR9005 Sanken Electric Co., Ltd.	 STR911FAW44X6 STMicroelectronics IC MCU 32BIT 512KB FLASH 128LQFP
 STR911FAM42X6 STMicroelectronics IC MCU 32BIT 256KB FLASH 80LQFP	 STR911FAM46X6 STMicroelectronics IC MCU 32BIT 1MB FLASH 80LQFP	 STR9012 IGBT Module	 STR911FAM44X6 STMicroelectronics IC MCU 32BIT 512KB FLASH 80LQFP	 STR911FAW46X6 STMicroelectronics IC MCU 32BIT 1MB FLASH 128LQFP	 STR911FAW42X6 STMicroelectronics IC MCU 32BIT 256KB FLASH 128LQFP
 STR83145 Sanken Electric Co., Ltd.	 STR910FAM32X6 STMicroelectronics IC MCU 32BIT 256KB FLASH 80LQFP	 STR9104-AC01G STAR	 STR8183 STR	 STR9109 STAR	 STR910FW32X6 STMicroelectronics IC MCU 32BIT 256KB FLASH 128LQFP

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.

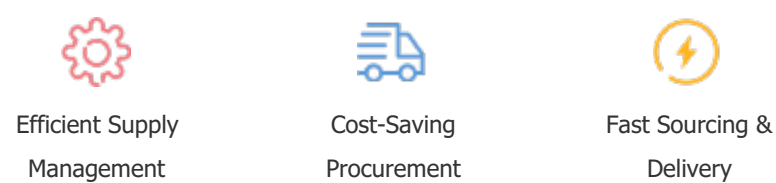
Payment Support

The payment method can be chosen from the methods shown below:

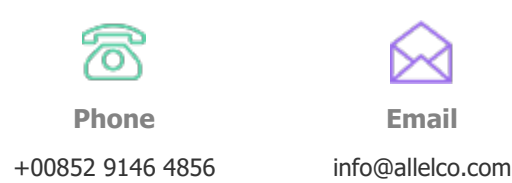
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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