

STR910FAM32X6

STR910FAM32X6 Information

www.helsener.com	 STR910FAM32X6 STMicroelectronics Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 256KB FLASH 80LQFP 80-LQFP For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

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STR910FAM32X6 Specifications

Manufacturer STMicroelectronics Manufacturer STMicroelectronics Manufacturer StMicroelectronics Category Integrated Circuits (ICs) Embedded - Microcontrollers 80-LQFP Package 80-LQFP Series STR9 Core Processor ARM9? Core Size 32-Bit Speed 96MHz Connectivity CAN, I2C, IrDA, Microwire, SPI, SSI, SSP, UART/USART Peripherals Brown-out Detect/Reset, DMA, POR, PWM, WDT Number of I/O 40 Program Memory Size 256KB (256K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 64K x 8 Voltage - Supply (Vcc/Vdd) 1.65 V ~ 2 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 80-LQFP			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage80-LQFPSeriesSTR9Core ProcessorARM9?Core Size32-BitSpeed96MHzConnectivityCAN, I2C, IrDA, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O40Program Memory Size56KB (256K x 8)EEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Munting Type-Package / Case80-LQFPSupplier Device Package-	Manufacturer Part Number	STR910FAM32X6	
Indecide of MicrocontrollersPackage80-LQFPSeriesSTR9Core ProcessorARM9?Core Size32-BitSpeed96MHzConnectivityCAN, 12C, IrDA, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O40Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V - 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-Package / Case80-LQFPSupplier Device Package-Supplier Device Package-Supplier Device Package-Supplier Device Package-Supplier Device Package-	Manufacturer	STMicroelectronics	
Package80-LQFPSeriesSTR9Core ProcessorARM9?Core Size32-BitSpeed96MHzConnectivityCAN, 12C, IrDA, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O40Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case80-LQFPSupplier Device Package-	Category	Integrated Circuits (ICs)	
SeriesSTR9Core ProcessorARM9?Core Size32-BitSpeed96MHzConnectivityCAN, 12C, IrDA, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O40Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltag - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case80-LQFPSupplier Device Package-		Embedded - Microcontrollers	
Core ProcessorARM9?Core Size32-BitSpeed96MHzConnectivityCAN, 12C, IrDA, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O40Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-Package / Case80-LQFPSupplier Device Package-	Package	80-LQFP	
Core Size32-BitSpeed96MHzConnectivityCAN, I2C, IrDA, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O40Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Series	STR9	
Speed96MHzConnectivityCAN, I2C, IrDA, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O40Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Core Processor	ARM9?	
ConnectivityCAN, I2C, IrDA, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O40Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Core Size	32-Bit	
PeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O40Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Speed	96MHz	
Number of I/O40Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Connectivity	CAN, I2C, IrDA, Microwire, SPI, SSI, SSP, UART/USART	
Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Number of I/O	40	
EEPROM Size-RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Program Memory Size	256KB (256K x 8)	
RAM Size64K x 8Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)1.65 V ~ 2 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	EEPROM Size	-	
Data ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	RAM Size	64K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Voltage - Supply (Vcc/Vdd)	1.65 V ~ 2 V	
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-LQFPSupplier Device Package-	Data Converters	A/D 8x10b	
Mounting Type-Package / Case80-LQFPSupplier Device Package-	Oscillator Type	Internal	
Package / Case 80-LQFP Supplier Device Package -	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package -	Mounting Type	-	
	Package / Case	80-LQFP	
Report errors?	Supplier Device Package	-	
		Report er	rrors?

STR910FAM32X6 Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

STR910FAM32X6 Payment Methods



STR910FAM32X6 Shipping Methods



If you have any question about STR910FAM32X6, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com