

RISC Series - MOTOROLA



Part No.	Ord. No.	Description
o MC 68 HC 11 A1 CFN3=E1CFNE3	3613	MCU 8kB ROM PLCC52
o MC 68 HC 11 E1CFNE2	40643	MCU EEPROM 512B PLCC52
o MC 68 HC 11 F1 CFN4	49381	MCU 1kB RAM ADC PLCC68
o MC 68 HC 908 QT4 CP	48831	MCU 4kB Flash ADC DIP8

RISC Series - CYPRESS



Part No.	Ord. No.	Description
o CY7C53120E4-40SXI	54902	Neuron Chip for Lon Works TQFP64
o CY7C53150-20AXI	48096	Neuron Chip for Lon Works TQFP64
o CY8C27143-24PXI	49115	MCU PSoC 16kB Flash ISP DIP8
o CY8C27443-24PXI	49173	MCU PSoC 16kB Flash ISP SDIP28
o CY8C27443-24PXI	53657	MCU PSoC 16kB Flash ISP SDIP28
o CY8C27443-24SXI	49175	MCU PSoC 16kB Flash ISP SO28
o CY8C29466-24PXI	52691	MCU PSoC 32kB Flash ISP DIP28
o CY8C29466-24SXI	61326	MCU PSoC 32kB Flash ISP SO28

16/32-bit Microprocessors

TEXAS INSTRUMENTS Series



Part No.	Ord. No.	Description
o MSP 430 F 1491PM	48928	MCU 16-bit, 60kB Flash, 2k RAM, 12-bit ADC TQFP64
o MSP 430 F 4351PZ	48870	MCU 16-bit 16kB Flash 12-bit ADC, 1,8-3,6V LQFP
o MSP 430 F 4491PZ	52672	MCU 16-bit, 60kB Flash, 2kRAM, 12-bit ADC IQFP100

MSP 430 microprocessors overview

Device Name	OTP/FLASH/ROM/EPROM (kB)	RAM (bytes)	ADC	LCD Segments	Capture/Compare plus Timer	UART	Hardware Multiplier	No. of Timers	Package	Price*	Description
Flash											
MSP430F110	1	128	slope		Yes	software	No	2	SOIC,TSSOP	1.04	16-Bit Ultra-Low-Power Microcontroller, 1kB Flash, 128B RAM
MSP430F1101	1	128	slope		Yes	software	No	2	SOIC,TSSOP	1.04	16-Bit Ultra-Low-Power Microcontroller, 1kB Flash, 128B RAM, Comparator
MSP430F112	4	256	slope		Yes	software	No	2	SOIC,TSSOP	1.74	16-Bit Ultra-Low-Power Microcontroller, 4kB Flash, 256B RAM
MSP430F1121	4	256	slope		Yes	software	No	2	SOIC,TSSOP	1.74	16-Bit Ultra-Low-Power Microcontroller, 4kB Flash, 256B RAM, Comparator
MSP430F122	4	256	slope		Yes	hardware	No	2	SOIC,TSSOP	2.40	16-Bit Ultra-Low-Power Microcontroller, 4kB Flash, 256B RAM, USART, Comparator, 22 I/Os
MSP430F123	8	256	slope		Yes	hardware	No	2	SOIC,TSSOP	2.51	16-Bit Ultra-Low-Power Microcontroller, 8kB Flash, 256B RAM, USART, Comparator, 22 I/Os
MSP430F133	8	256	12 bit		Yes (x2)	hardware	No	3	QFP	2.95	16-Bit Ultra-Low-Power Microcontroller, 8kB Flash, 256B RAM, 12 bit ADC, USART
MSP430F135	16	512	12 bit		Yes (x2)	hardware	No	3	QFP	3.55	16-Bit Ultra-Low-Power Microcontroller, 16kB Flash, 512B RAM, 12 bit ADC, USART
MSP430F147	32	1024	12 bit		Yes (x2)	hardware	Yes	3	QFP	4.95	16-Bit Ultra-Low-Power Microcontroller, 32 kB Flash, 1KB RAM, 12 bit ADC, 2 USARTs, HW multiplier
MSP430F148	48	2048	12 bit		Yes (x2)	hardware	Yes	3	QFP	5.65	16-Bit Ultra-Low-Power Microcontroller, 48 kB Flash, 2KB RAM, 12 bit ADC, 2 USARTs, HW multiplier
MSP430F149	60	2048	12 bit		Yes (x2)	hardware	Yes	3	QFP	5.96	16-Bit Ultra-Low-Power Microcontroller, 60 kB Flash, 2KB RAM, 12 bit ADC, 2 USARTs, HW multiplier
MSP430F412	4	256	slope	96	Yes	software	No	3	QFP	2.71	16-Bit Ultra-Low-Power Microcontroller, 4kB Flash, 256B RAM, 96 segment LCD, Comparator
MSP430F413	8	256	slope	96	Yes	software	No	3	QFP	2.90	16-Bit Ultra-Low-Power Microcontroller, 8kB Flash, 256B RAM, 96 segment LCD, Comparator

* Budgetary price per unit in U.S. dollars, lots of 1,000+

** Budgetary price per unit in U.S. dollars, lots of 1 unit

AT91SAM ARM7 Series



Part No.	Ord. No.	Description
o AT 91 SAM 7S128-AU	51958	MCU ARM7 128kB Flash LQFP64
s AT 91 SAM 7S256-AU	51959	MCU ARM7 256kB Flash LQFP64
o AT 91 SAM 7S32-AU	51957	MCU ARM7 32kB Flash LQFP48
s AT 91 SAM 7S64-AU	51918	MCU ARM7 64kB Flash LQFP64
o AT 91 SAM 7X256-AU	55228	MCU ARM7 256kB Flash LQFP100

Development kit AT 91SAM7S-EK



Development kit AT91SAM7S-EK with AT91SAM7S.



Part No.	Ord. No.
o AT 91 SAM 7S-EK	54803