



Product	µController	Clock MHz	Flash	RAM	EEPROM	Serial	Digital I/O	Timers/Counters	A/D	D/A	Supply	Special Features	Other I/O
MINI-MAX/ARM9260-E	AT91SAM9260	198	8MB	64MB	—	2 RS232 3 UART 1 TWI 2 SPI	42	Two Three-channel 16-bit Timer/Counters	4 Ch. 10 bit	—	6-24VDC	2 USB Host connectors 1 USB Device connector 10/100 Ethernet jack Analog terminals Image sensor connector 320x240 LCD connector	Image sensor connector
GadgetPC	AT91SAM9260	198	8MB	32MB	—	UART	—	Two Three-channel 16-bit Timer/Counters	—	—	5VDC (Mini USB)	4 USB Host connectors 1 USB Device connector Low power consumption	—
MINI-MAX/51-C2	AT89C51ED2 (44-PLCC)	22.1184	64K	2K	2K inside microcontroller, (optional) up to 128K external	RS232	32	Three 16-bit Programmable Counter Array, Watchdog	5 Ch. 10 bit	1 Ch. 10 bit	6-15VDC	10-bit DAC to adjust LCD contrast, PIC16F818 peripheral controller	LCD connector, Keypad connector, Expansion connector, Analog terminal block
MINI-MAX/51-D	AT89C51ED2 (40-DIP)	22.1184	64K	2K	2K inside microcontroller	RS232	32	Three 16-bit Programmable Counter Array, Watchdog	—	—	5VDC Regulated	PIC16C505 peripheral controller	LCD connector, Keypad connector, Expansion connector
MINI-MAX/51-E	AT89C51ED2 (64-VQFP)	22.1184	64K	2K	2K inside microcontroller, 512 byte protected EEPROM, (optional) up to 128K external EEPROM	RS232	32	Three 16-bit, Programmable Counter Array, Watchdog	—	—	6-15VDC	10Mbit Ethernet, PIC16C505 peripheral controller, Web server	LCD connector, Keypad connector, Ethernet connector, Expansion connector
MINI-MAX/51-F	Texas Instruments MSC1211Y4	22.1184	16K	1.5K	(optional) up to 128K external EEPROM	RS232	34	Three 16-bit, 16-bit PWM, Watchdog	8 Ch. 24-bit	4 Ch. 16-bit	6-15VDC	Ultra high-precision analog system, direct sensor interfacing, PIC16F505 peripheral controller	LCD connector, Keypad connector, Analog connector, Analog terminal block, Expansion connector
MINI-MAX/P18	PIC18F458 (44-PLCC)	19.6608	16K	1.5K	256B inside microcontroller, (optional) up to 128K external EEPROM	RS232	32	Two 8-bit, One 16-bit, Capture/Compare, 10-bit PWM	5 Ch. 10-bit, 4.096V VREF	Two 10-bit PWM	6-15VDC	PIC16F648 peripheral controller	LCD connector, Keypad connector, Expansion connector, Analog connector
MINI-MAX/AVR-AU	AT90USB162-16MU	16	8K	512B	512B	UART SPI	32	One 8-bit, One 16-bit Timer/Counter One Programmable Watchdog	—	—	5VDC (USB connector)	Device mini USB Port Full Speed	Expansion connector
MINI-MAX/AVR-BU	AT90USB647-AU	8-16	64K	4K	2K	1 UART 1 TWI 1 SPI	48	Two 8-bit, Two 16-bit Timer/Counter Watchdog, Four 8-bit PWM, Six Programmable PWM Channels	8 Ch. 10 bit	—	5VDC (USB connector)	USB 2.0 Full-speed/Low-speed Device and On-The-Go Module	LCD connector, Keypad connector, Expansion connector, JTAG, USB
MINI-MAX/AVR-C	ATMEGA2560-16	16	256K	8K	4K	RS232	86	Two 8 bit Timer/Counters, Four 16 bit Timer/Counters, Programmable Watchdog	5 Ch.10-bit 2.56V or 1.1V VREF	—	6-12VDC	Four Programmable Enhanced UART; SPI Serial Interface, 2-wire Serial Interface (I2C)	LCD connector, Keypad connector, Expansion connector
MINI-MAX/908-C	MC68HC908GP32	9.8304	32K	512B	(optional) up to 128K external EEPROM	RS232	32	Two 16-bit, 2-channel Timer Interface Modules	8 Ch. 8-bit	—	6-15VDC	PIC16C58 peripheral controller, external oscillator	LCD connector, Keypad connector, Expansion connector
MINI-MAX/ARM-C	LPC2138	60	512K	32K	—	2 RS232	47	Two 32-bit timers/external event counters (with four capture and four compare channels each), PWM unit (six outputs) and watchdog	16 Ch. 10-bit 3V VREF	1 Ch. 10 bit	6-15VDC	AVR peripheral controller, battery-backed Real-Time Clock (RTC)	LCD connector, Keypad connector, Expansion connector, JTAG
MINI-MAX/ARM-E	LPC2138	60	512K	32K	—	2 RS232	47	Two 32-bit timers/external event counters (with four capture and four compare channels each), PWM unit (six outputs) and watchdog	16 Ch. 10-bit 3V VREF	1 Ch. 10 bit	6-15VDC	AVR peripheral controller, 10Mbit Ethernet, Web server, battery-backed Real-Time Clock	LCD connector, Keypad connector, Expansion connector, JTAG
MINI-MAX/ARM-S	AT91SAM7S256	47.9232	256K	64K	—	2 UART, DBGU	32	Three Channel 16-bit Timer/Counter	5 Ch. 10 bit 3.0V VREF	—	5VDC (USB connector)	4 Chan. 16-bit PWM Controller, USB device port, TWI, RTT, SSC, 11 Chan. DMA controller, EFCS	LCD connector, Keypad connector, Expansion connector, JTAG, USB Analog terminal block
BSCB-1	Parallax BASIC Stamp BS2xx Module	—	2-32K	38B	—	RS232	16	—	—	—	6-15VDC	Prototype Area	LCD connector, Expansion connector
BSCB-2	Parallax BASIC Stamp BS2xx Module	—	2-32K	38B	(optional) up to 128K external EEPROM	RS232	16	—	5 Ch. 10 bit	1 Ch. 10 bit	6-15VDC	PIC16F818 peripheral controller is used to scan a keypad, 10-bit DAC to adjust LCD contrast	LCD connector, Keypad connector, Expansion connector, Analog connector
MINI-MAX/MSP430-C	MSP430F5437IPNR	Adj. to 18MHz	256K	16K	—	2 RS232	68	Three 16-bit timers/external event counters, PWM unit (six outputs) and watchdog	16 Ch. 12 bit	—	5VDC(USB) or 2.2-3.6V Battery	Socket for MicroSD cards, USB Device port based on FTDI chipset, DMA, IrDA, RTC mode	LCD connectors, Keypad connectors, Expansion connector, JTAG, USB

* All boards have the size of 2.4" x 2.35"