

| Device | Flash (Kbytes) | Vcc (V) | EEPROM (Kbytes) | SRAM (bytes) | F.max (MHz) | Max I/O Pins | Interrupts | Ext Interrupts | TWI | 16-bit Timer | SPI | 10-bit A/D (channels) | ISP | UART | 8-bit Timer | Watchdog | PWM (Channels) | RTC | Analog Comparator | Brown Out Detector | Hardware Multiplier | On Chip Oscillator | Self Program Memory | Package Options | |
|-----------------------------|----------------|----------|-----------------|--------------|-------------|--------------|------------|----------------|-----|--------------|-----|-----------------------|-----|------|-------------|----------|----------------|-----|-------------------|--------------------|---------------------|--------------------|---------------------|-----------------|--------------------------------------|
| AT90C8534 | 8 | 3.3-6.0 | 0.5 | 256 | 1.5 | 7 | 6 | 2 | | 1 | | 6 | | | 1 | | | | | | | | | | |
| AT90LS2323 | 2 | 2.7-6.0 | 0.125 | 128 | 4 | 3 | 2 | 1 | | | | | Yes | | 1 | Yes | | | | | | | | | 8-Pin DIP, 8-PIN SOIC |
| AT90LS2343 | 2 | 2.7-6.0 | 0.125 | 128 | 4 | 4 | 2 | 1 | | | | | Yes | | 1 | Yes | | | | | | | Yes | | 8-Pin DIP, 8-PIN SOIC |
| AT90LS4433 | 4 | 2.7-6.0 | 0.25 | 128 | 4 | 20 | 13 | 2 | | 1 | 1 | 6 | Yes | 1 | 1 | Yes | 1 | | Yes | | | | | | |
| AT90LS8535 | 8 | 2.7-6.0 | 0.5 | 512 | 4 | 32 | 15 | 2 | | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 3 | Yes | Yes | | | | | | 40-Pin DIP, 44-Pin PLCC, 44-Pin TQFP |
| AT90S1200 | 1 | 2.7-6.0 | 0.0625 | | 12 | 15 | 3 | 1 | | | | | Yes | | 1 | Yes | | | Yes | | | | Yes | | 20-Pin DIP, 20-Pin SOIC, 20-Pin SSOP |
| AT90S2313 | 2 | 2.7-6.0 | 0.125 | 128 | 10 | 15 | 10 | 2 | | 1 | | | Yes | 1 | 1 | Yes | 1 | | Yes | | | | | | 20-Pin DIP, 20-Pin SOIC |
| AT90S2323 | 2 | 4.0-6.0 | 0.125 | 128 | 4 | 3 | 2 | 1 | | | | | Yes | | 1 | Yes | | | | | | | | | 8-Pin DIP, 8-PIN SOIC |
| AT90S2343 | 2 | 4.0-6.0 | 0.125 | 128 | 10 | 4 | 2 | 1 | | | | | Yes | | 1 | Yes | | | | | | | Yes | | 8-Pin DIP, 8-PIN SOIC |
| AT90S4433 | 4 | 4.0-6.0 | 0.25 | 128 | 8 | 20 | 14 | 2 | | 1 | 1 | 6 | Yes | 1 | 1 | Yes | 1 | | Yes | Yes | | | | | 28-Pin DIP, 32-Pin TQFP |
| AT90S8515 | 8 | 2.7-6.0 | 0.5 | 512 | 8 | 32 | 11 | 2 | | 1 | 1 | | Yes | 1 | 1 | Yes | 2 | | Yes | | | | | | 40-Pin DIP, 44-Pin PLCC, 44-Pin TQFP |
| AT90S8535 | 8 | 4.0-6.0 | 0.5 | 512 | 8 | 32 | 15 | 2 | | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 3 | Yes | Yes | | | | | | 40-Pin DIP, 44-Pin PLCC, 44-Pin TQFP |
| ATmega128 | 128 | 4.5-5.5 | 4 | 4096 | 16 | 53 | 34 | 8 | Yes | 2 | 1 | 8 | Yes | 2 | 2 | Yes | 8 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 64-Pin TQFP |
| ATmega128L | 128 | 2.7-5.5 | 4 | 4096 | 8 | 53 | 34 | 8 | Yes | 2 | 1 | 8 | Yes | 2 | 2 | Yes | 8 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 64-Pin TQFP |
| ATmega16 | 16 | 4.5-5.5 | 0.5 | 1024 | 16 | 32 | 20 | 2 | Yes | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 3 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 40-Pin DIP, 44-Pin TQFP/MLF |
| ATmega161 | 16 | 4.0-5.5 | 0.5 | 1024 | 8 | 35 | 20 | 3 | | 1 | 1 | | Yes | 2 | 2 | Yes | 4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 40-Pin DIP, 44-Pin TQFP |
| ATmega161L | 16 | 2.7-5.5 | 0.5 | 1024 | 4 | 35 | 20 | 3 | | 1 | 1 | | Yes | 2 | 2 | Yes | 4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 40-Pin DIP, 44-Pin TQFP |
| ATmega162 | 16 | 4.5-5.5 | 0.5 | 1024 | 16 | 35 | 28 | 3 | | 2 | 1 | | Yes | 2 | 2 | Yes | 4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | PDIP40, TQFP44 |
| ATmega162L | 16 | 2.7-5.5 | 0.5 | 1024 | 8 | 35 | 28 | 3 | | 2 | 1 | | Yes | 2 | 2 | Yes | 4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | PDIP40, TQFP44 |
| ATmega162V | 16 | 1.8-3.6 | 0.5 | 1024 | 1 | 35 | 28 | 3 | | 2 | 1 | | Yes | 2 | 2 | Yes | 4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | PDIP40, TQFP44 |
| ATmega169 | 16 | 4.5-5.5V | 0.5 | 1024 | 16 | | 23 | 17 | | 1 | 1 | 8 | Yes | 1 | | Yes | 4 | | Yes | Yes | | | Yes | | TQFP64 |
| ATmega169L | 16 | 2.7-3.6 | 0.5 | 1024 | 8 | 54 | 23 | 17 | | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 4 | | Yes | Yes | | | Yes | | TQFP64 |
| ATmega169V | 16 | 1.8-3.6 | 0.5 | 1024 | 1 | 54 | 23 | 17 | | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 4 | | Yes | Yes | | | Yes | Yes | TQFP64 |
| ATmega16L | 16 | 2.7-5.5 | 0.5 | 1024 | 8 | 32 | 20 | 3 | Yes | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 3 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 40-Pin DIP, 44-Pin TQFP |
| ATmega32 | 32 | 4.0-5.5 | 1 | 2048 | 16 | 32 | 19 | 3 | Yes | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 40-Pin DIP, 44-Pin TQFP, 44-Pin MLF |
| ATmega64 | 64 | 4.5-5.5 | 2 | 4096 | 16 | 53 | 34 | 8 | Yes | 2 | 1 | 8 | Yes | 2 | 2 | Yes | 8 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 64-Pin TQFP |
| ATmega64L | 64 | 2.7-5.5 | 2 | 4096 | 8 | 53 | 34 | 8 | Yes | 2 | 1 | 8 | Yes | 2 | 2 | Yes | 8 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 64-Pin TQFP |
| ATmega8 | 8 | 4.5-5.5 | 0.5 | 1024 | 16 | 23 | 18 | 2 | Yes | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 3 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 28-Pin DIP, 32-lead TQFP, 32-pad MLF |
| ATmega8515 | 8 | 4.5-5.5 | 0.5 | 512 | 16 | 35 | 16 | 3 | | 1 | 1 | | Yes | 1 | 1 | Yes | 4 | | | Yes | Yes | Yes | Yes | Yes | PDIP40, TQFP44 |
| ATmega8515L | 8 | 2.7-5.5 | 0.5 | 512 | 8 | 35 | 16 | 3 | | 1 | 1 | | Yes | 1 | 1 | Yes | 4 | Yes | | Yes | Yes | Yes | Yes | Yes | PDIP40, TQFP44 |
| ATmega8535 | 8 | 4.5-5.5 | 0.5 | 512 | 16 | 32 | 20 | 3 | Yes | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 4 | | Yes | Yes | Yes | Yes | Yes | Yes | PDIP40, TQFP44 |
| ATmega8535L | 8 | 2.7-5.5 | 0.5 | 512 | 8 | 32 | 20 | 3 | Yes | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | PDIP40, TQFP44 |
| ATmega8L | 8 | 2.7-5.5 | 0.5 | 1024 | 8 | 23 | 18 | 2 | Yes | 1 | 1 | 8 | Yes | 1 | 2 | Yes | 3 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | 28-Pin DIP, 32-lead TQFP, 32-pad MLF |
| ATtiny11 | 1 | 4-5.5 | | | 6 | 6 | 4 | 1 | | | | | | | 1 | Yes | | | Yes | | | | Yes | | PDIP8, SOIC8 |
| ATtiny12 | 1 | 4-5.5 | 0.0625 | | 8 | 6 | 5 | 1 | | | | | Yes | | 1 | Yes | | | Yes | Yes | | | Yes | | PDIP8, SOIC8 |
| ATtiny15L | 1 | 2.7-5.5 | 0.0625 | | 1.6 | 6 | 8 | 1(+5) | | | | 4 | Yes | | 2 | Yes | 1 | | Yes | Yes | | | Yes | | 8-Pin DIP, 8-PIN SOIC |
| ATtiny26 | 2 | 4.5-5.5 | 0.125 | 128 | 16 | 16 | 11 | 1 | | | | 11 | Yes | | 2 | Yes | 2 | | Yes | Yes | | | Yes | | PDIP20, SOIC20, MLF32 |
| ATtiny26L | 2 | 2.7-5.5 | 0.125 | 128 | 8 | 16 | 11 | 1 | | | | 11 | Yes | | 2 | Yes | 2 | | Yes | Yes | | | Yes | | PDIP20, SOIC20, MLF32 |
| ATtiny28L | 2 | 2.7-5.5 | | 32 | 4 | 11 | 5 | 2(+8) | | | | | | | 1 | Yes | | | Yes | | | | Yes | | 28-Pin DIP, 32-lead TQFP, 32-pad MLF |
| ATtiny28V | 2 | 1.8-5.5 | | 32 | 1 | 11 | 5 | 2(+8) | | | | | | | 1 | Yes | | | Yes | | | | Yes | | 28-Pin DIP, 32-lead TQFP, 32-pad MLF |