

PicoPower Technology Roadmap and Line card

The major existing devices will be progressively converted to picoPower technology and new products are also expected to benefit from the ultra low power capability. picoPower microcontrollers will be identified with a "P" added on the device name: i.e. ATmega169 becomes ATmega169P.



Part-number	Flash (Bytes)	EEPROM (Bytes)	RAM (Bytes)	I/Os	Vcc (V)	Speed (MHz)	Short Description
ATmega1284P	128K	4	16K	32	1.8-5.5	20	General Purpose
ATmega164P	16K	512	1024	32	1.8-5.5	20	General Purpose
ATmega324P	32K	1024	2048	32	1.8-5.5	20	General Purpose
ATmega644P	64K	2048	4096	32	1.8-5.5	20	General Purpose
ATmega48P	4K	256	512	23	1.8-5.5	20	General Purpose
ATmega88P	8K	512	1024	23	1.8-5.5	20	General Purpose
ATmega168P	16K	512	1K	23	1.8-5.5	20	General Purpose
ATmega328P	32K	1024	2048	23	1.8-5.5	20	General Purpose
ATmega165P**	16K	512	1024	54	1.8-5.5	16	General Purpose
ATmega169P**	16K	512	1024	54	1.8-5.5	16	4x25 LCD Ctrl
ATmega325P	32K	1024	2048	54	1.8-5.5	20	General Purpose
ATmega3250P	32K	1024	2048	69	1.8-5.5	20	General Purpose
ATmega329P	32K	1024	2048	54	1.8-5.5	20	4x25 LCD Ctrl
ATmega3290P	32K	1024	2048	69	1.8-5.5	20	4x40 LCD Ctrl
ATtiny13A**	1K	64	64	6	1.8-5.5	20	General Purpose
ATtiny48**	4K	64	256	6	1.8-5.5	12	General Purpose
ATtiny88**	8K	64	512	6	1.8-5.5	12	General Purpose

* Sleeping BOD is not included on ATmega165P and ATmega169P.

** Ultra Low Power 32 kHz Crystal Oscillator is not included.