

Atmel Programming Tutorial 1 Parts List

Atmel Programmer

The Atmel-ICE-Basic kit is used in the video and is the current recommended Atmel programmer:

<http://www.atmel.com/tools/atatmel-ice.aspx>

http://www.digikey.com/product-search/en?Keywords=ATATMEL-ICE-BASIC&WT.z_header=search_go

Atmel ATmega328P

<http://www.digikey.com/product-detail/en/ATMEGA328P-PU/ATMEGA328P-PU-ND/1914589>

<http://www.atmel.com/devices/atmega328p.aspx>

The ATmega328P-PU is the specific chip type used in the video

The "P" is short for Pico Power

Note that there is usually a 2nd suffix after the "P", i.e. ATmega328P-PU

The 2nd suffix denotes further information such as extreme temperature tolerance or package type, see the Atmel link above for a full list

Get a PDIP (Plastic Dual Inline Package) package type, other package types will require surface mount soldering

Breadboard, Wires, Multimeter, Other Typical Electronic Assembly Tools and Items

Available from various retailers, ex:

<http://www.elexp.com>

<http://www.amazon.com>

<https://www.sparkfun.com>