

Atmel Programming Tutorial 1 Parts List

Atmel Programmer

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

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

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

Alternatively, the Atmel AVRISP MKII was the standard Atmel programmer for years until recently. If you have or can get an MKII that would most likely still work with only minor modifications to the video. MKII clones are still available, ex:

http://www.amazon.com/gp/product/B00KM6ZA9I?keywords=atmel%20mkii&qid=1444426844&ref_=sr_1_1&sr=8-1

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>