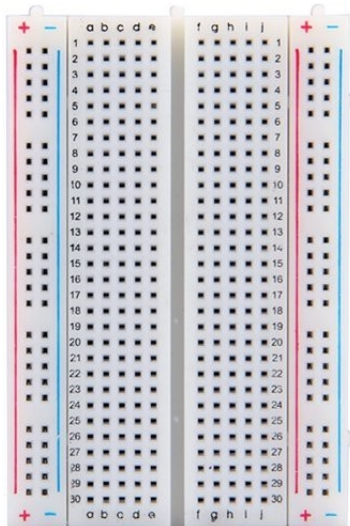


ATMEGA328/Arduino Uno - Solderless Breadboard

<https://github.com/teaksoon/lmaewapm>

Solderless Breadboard is a wire-connector or Pin Connector, inside those tiny holes are metal clips to hold wires and pins

Front



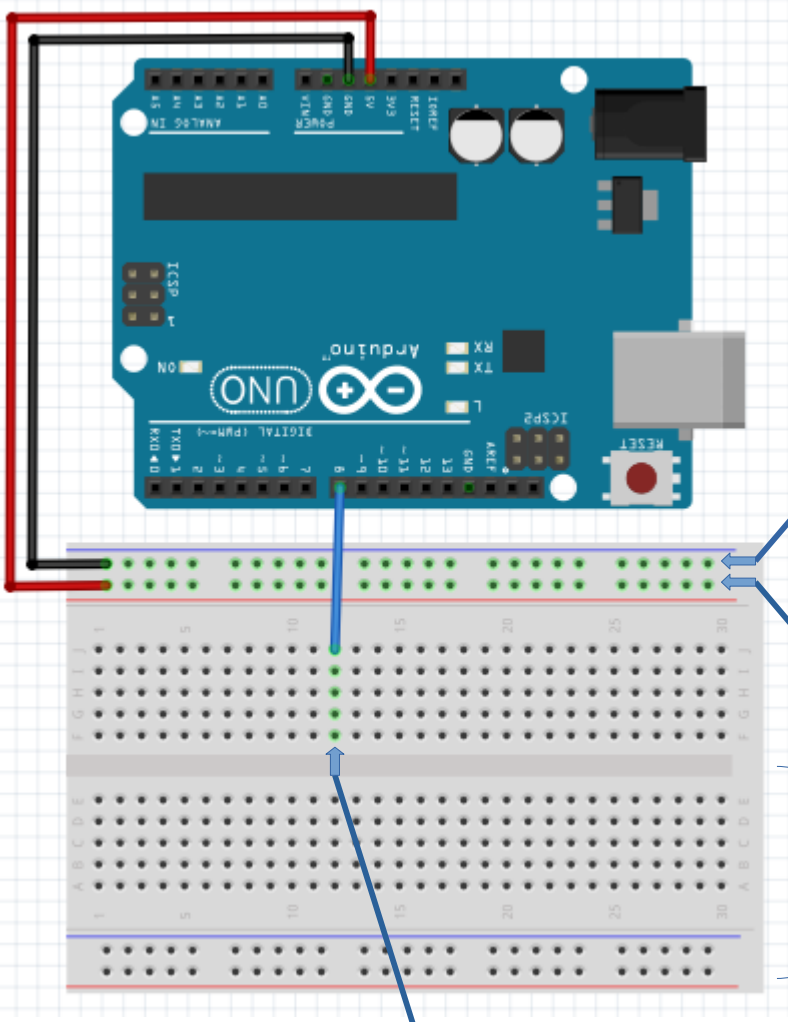
Inside



Back



Typical Usage



Anything places along these pin holes are connected to **GND**
- The entire row is a single metal clip

Anything places along these pin holes are connected to **5V**
- The entire row is a single metal clip

These are same like the above. Bottom-half is not connected to the Top-half

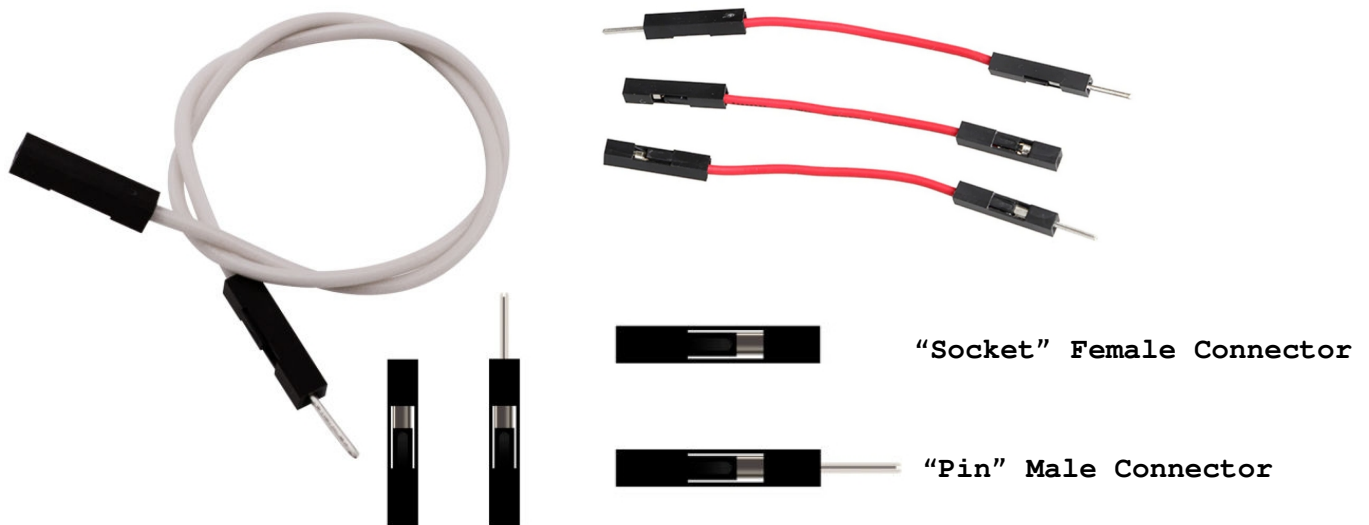
Anything places along these pin holes are connected to I/O Pin 8,
- The entire column is a single metal clip

ATMEGA328/Arduino Uno - Jumper Wires

<https://github.com/teaksoon/lmaewapm>

These wires are mostly made from Copper, sometimes coated with tin to protect the Copper wire from corrosion.

At both ends of the wire, it is attached with either a metal “pin” or a metal “socket”. The “pin” and “socket” are placed in a plastic housing.



The Male Pin from this wire makes it very easy to use with the Solderless Breadboard.

The Male-Male Jumper wire are easy get. We can use the the single core wire from the Telephone or Network cables.