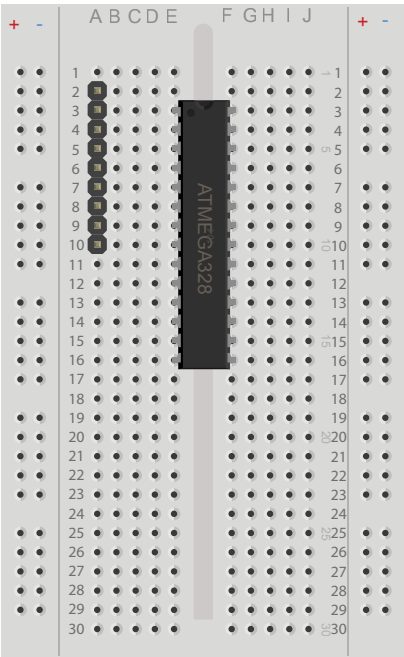




These are instructions to build a basic protected 'shrimped' arduino compatible breadboard that you can buy from <http://shrimping.it> Alternatively you could use an Arduino UNO

- #Carefully place the ATMEGA328 Chip on the breadboard starting at F3 and bridging to E3
- #place the 9 pin header block from J2 to J10



MinecraftOfThings(#Shrimp Assembly) Build a shrimp Arduino!



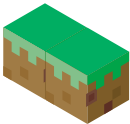
9pin Header

x1

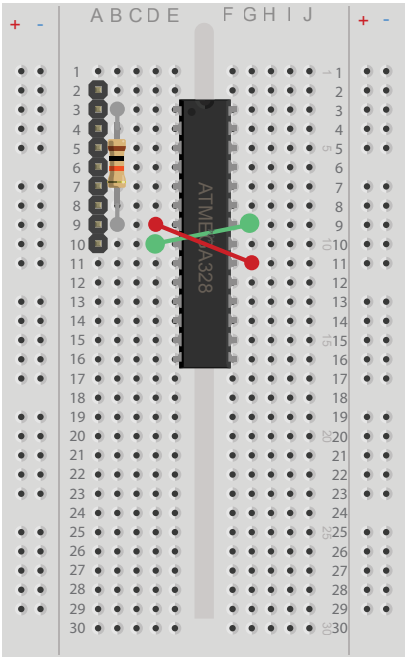


ATMEGA328 Chip

x1



- #Place the 10KOhm resistor from pin B3 to B9
- #Connect green wire between D10 and G9
- #Connect red wire between D9 & G11



Green Jumper wires

x1



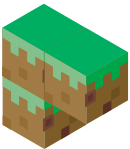
Red Jumper wire

x1

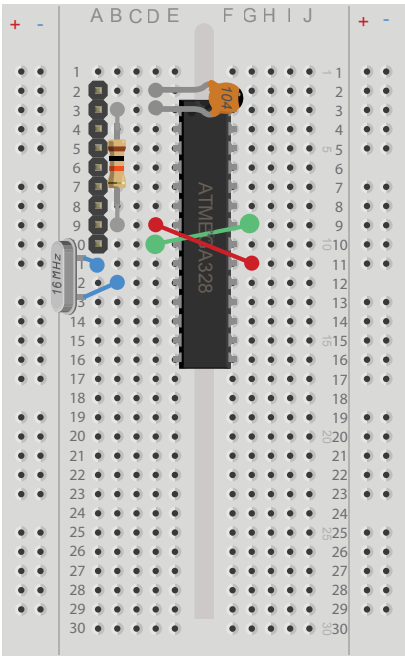


10KOhm Resistor (brown, black orange, gold)

x1



- A capacitor #Connect the 'de-coupling' capacitor marked 104 to D2 & D3
- #Connect the quartz crystal from A11 to 12



104 Capacitor

x1



Quartz Crystal

x1