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gnd +5v gnd gnd 47u 47u gnd gnd g n d
gnd green g n d +5v m7 gnd
mc33269d-5.0 mc33269st-5.0t3 100n
gnd 100n 100n +3v3 +5v +5v
atmega1280-16au 100n 100nArduino
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Mega Schematic Components: DC Jack
Power Supply : External Supply for
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- 6 headers (for ISP) - lots of wires - flux - Perfboard - 16 MHZ crystal (if you salvaged chip from Arduino Mega) - OPTIONAL but recommended - double sided tape - OPTIONAL - 330 - 470 ohm resistors *2 - OPTIONAL ...DIY Arduino Mega 2560 or 1280 : 9 Steps - InstructablesThe Best Arduino Mega 2560 Schematic Kicad Frae Kmu End T Arduino Shield Modules For Kicad V3 By Nicholasclewis Thingiverse A000067 Arduino Mega 2560 Rev 3 Digikey Electronics Olimexino 2560 Open Source Hardware Board Mega2560 R3 Pro Mini Parts Submit Fritzing Forum A ...Arduino Mega 2560 Schematic Kicad - PCB Boards My Atmega2560 Schematic Correct Arduino Stack Exchange Arduino Mega 2560 With Wifi Built In Esp8266 10 Steps ... Arduino Mega 2560 With Wifi

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Each of the 54 digital pins on the Arduino 2560 Mega can be used as an input or output, using pinMode(), digitalWrite(), and digitalRead() functions. They operate at 5 volts. Each pin can provide or receive a maximum of 40 mA and has an internal pull-up resistor (disconnected by default) of 20-50 kOhms.

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icsp +5v gnd +5v gnd gnd +5v gnd gnd
47u 47u gnd gnd g n d gnd green g n d
+5v m7 gnd mc33269d-5.0
mc33269st-5.0t3 100n gnd 100n 100n
+3v3 +5v +5v atmega1280-16au 100n
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Mega 2560

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