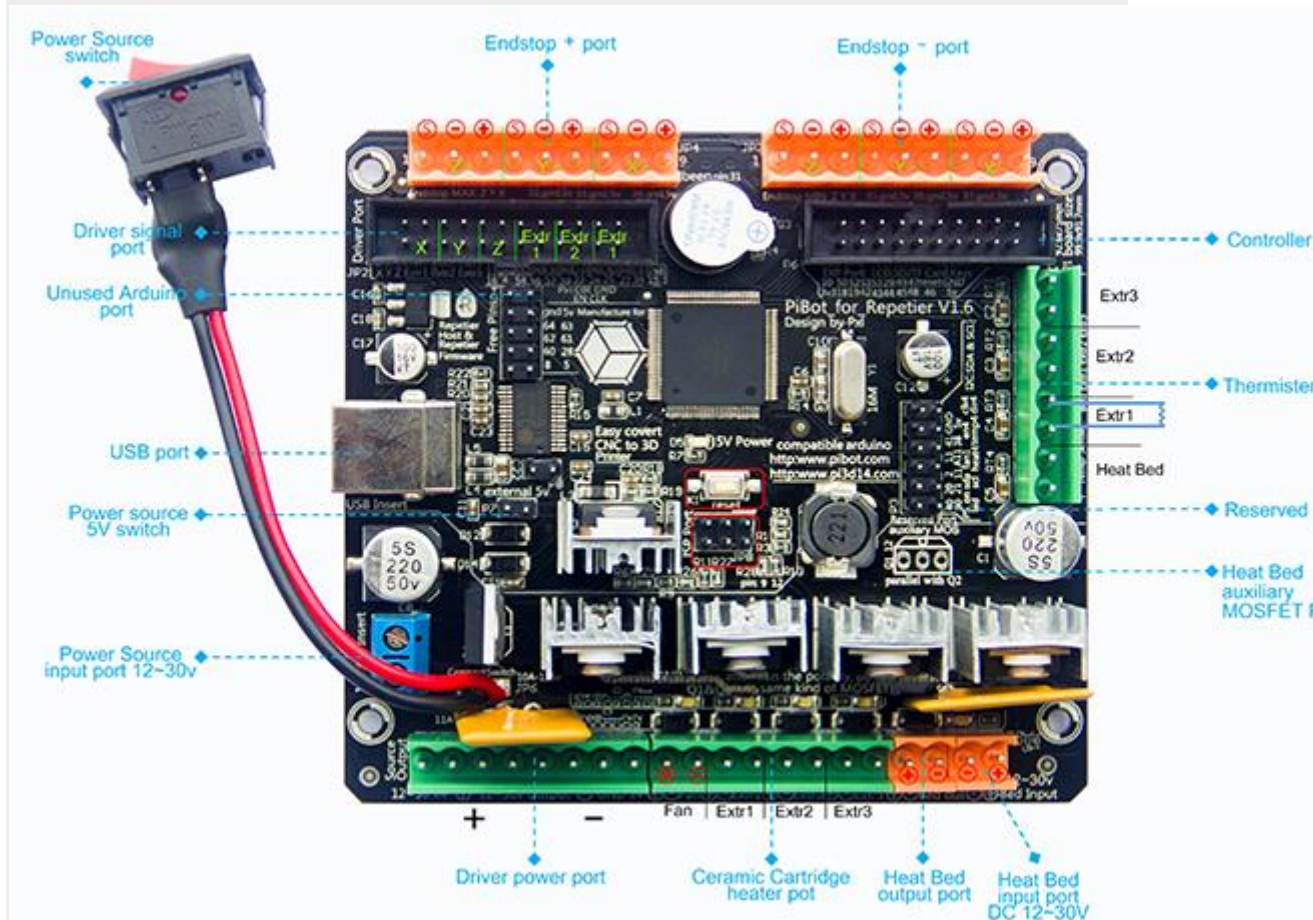- Design Goals
  - arduino compatible mega2560, You can use it do anything which arduino board do, our default firmware is repetier
  - Offer an easy convert solution that to change your CNC machine into a 3D printer.
  - Easy use for DIY enthusiast, convenience for secondary development.
  - More extrude header and more types of machine support.
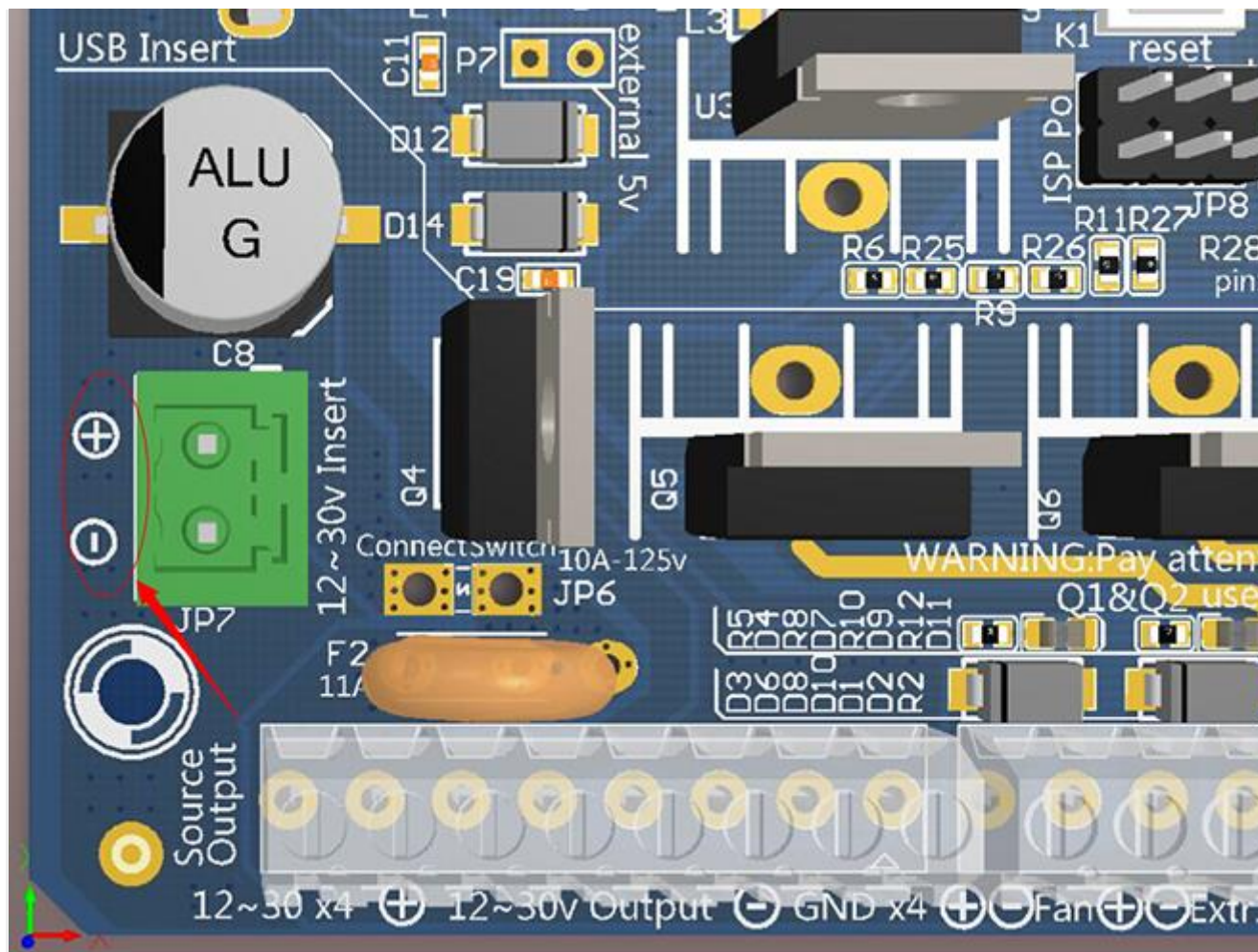 - Make it similar to computer host and you can easily handle it only plug few cables.

Development documents

  - [PiBot for Repetier V1.42.sch PDF](#)
  - [PiBot for Repetier V1.42.PCB png](#)
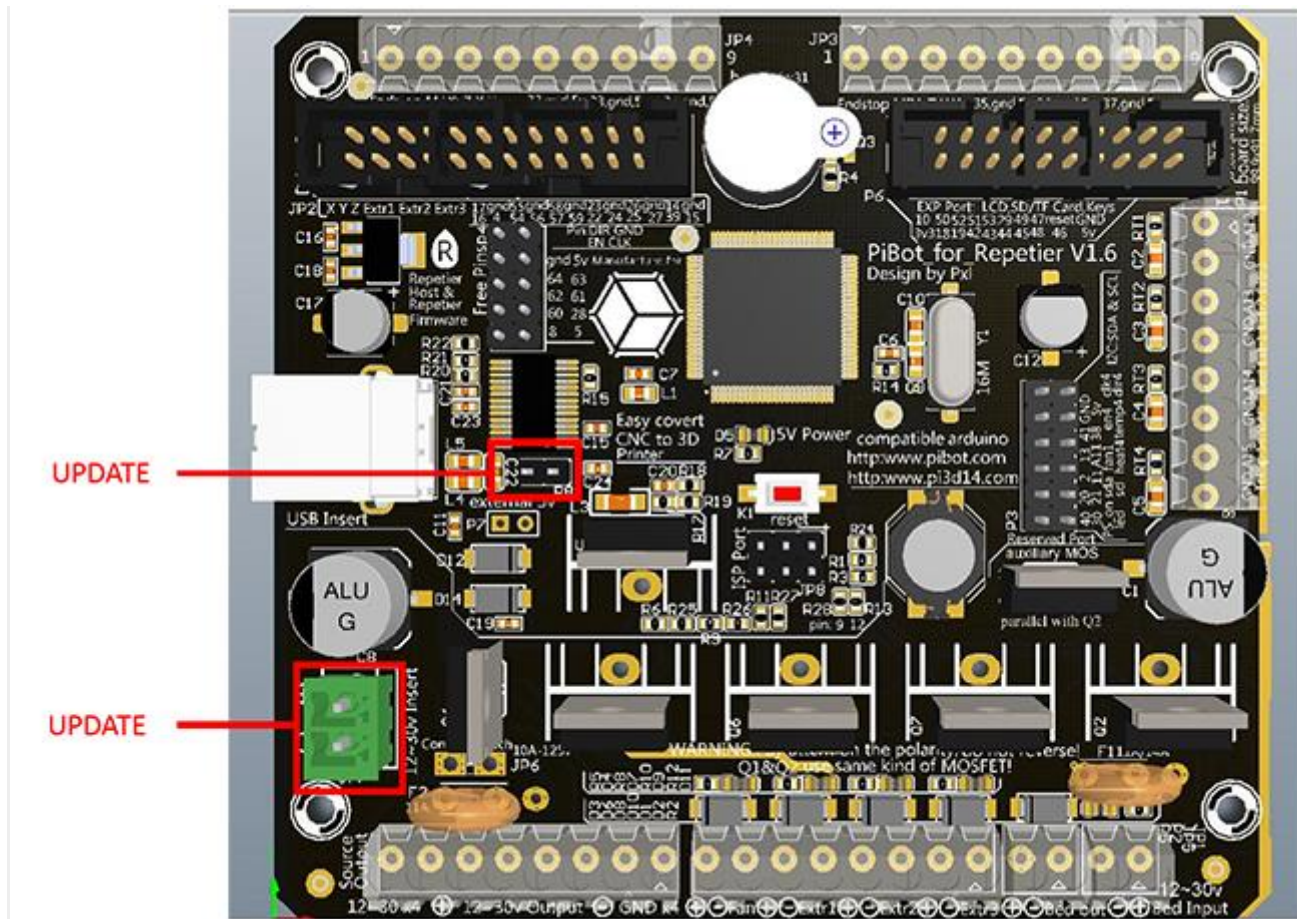
Ports and Connection

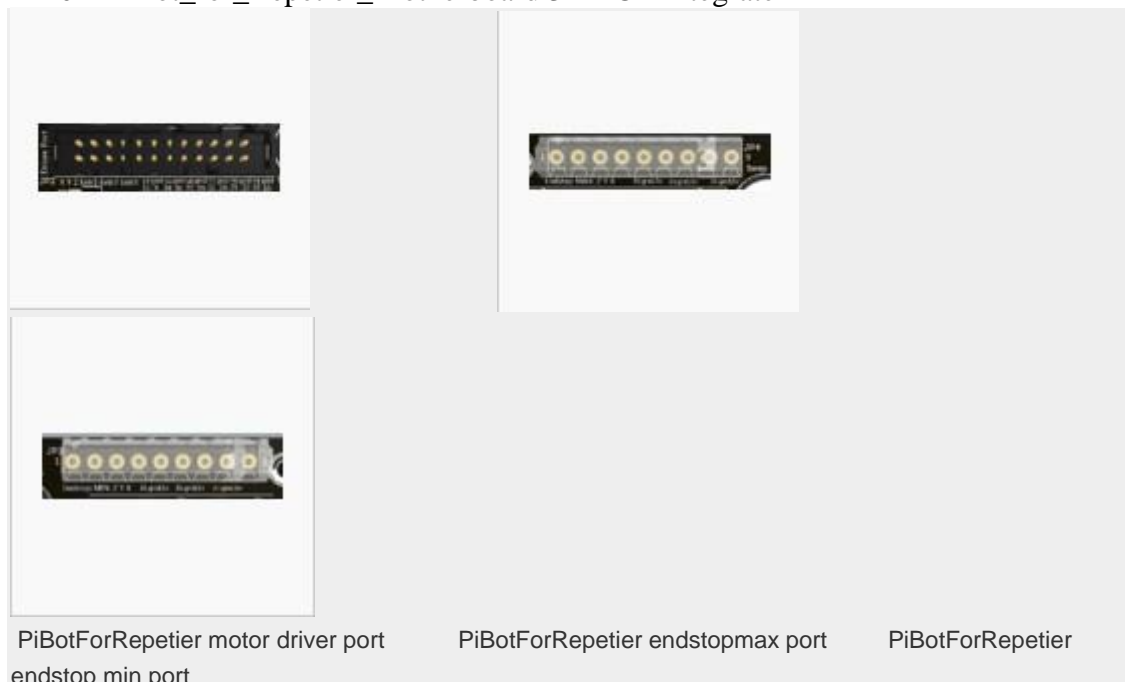This image has been resized to fit in the page. Click to enlarge.

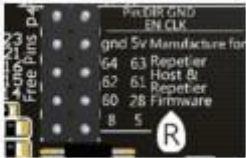This image has been resized to fit in the page. Click to enlarge.

This image has been resized to fit in the page. Click to enlarge.

    o   PiBot_for_Repetier_Motherboard 3D PCB integrate

 PiBotForRepetier motor driver port   PiBotForRepetier endstopmax port   PiBotForRepetier
endstop min port

PiBotForRepetier expansion port
freepin port

PiBotForRepetier fan & extruders port
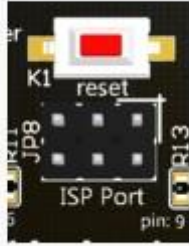
PiBotForRepetier

PiBotForRepetier heat bed I/O port
Reserved port

PiBotForRepetier Power output port

PiBotForRepetier

PiBotForRepetier reset & ISP port
USB & Power input port

PiBotForRepetier Temperature sensor port

PiBotForRepetier

   IDC-20pin expand
pressed terminal

IDC-24pin Driverconnector,

HT-396 cold-

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