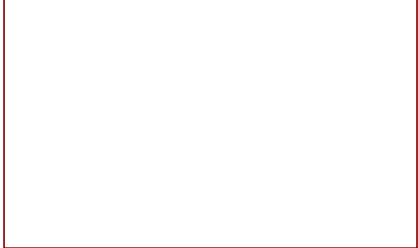


1 2 3 4 5 6

Power supply

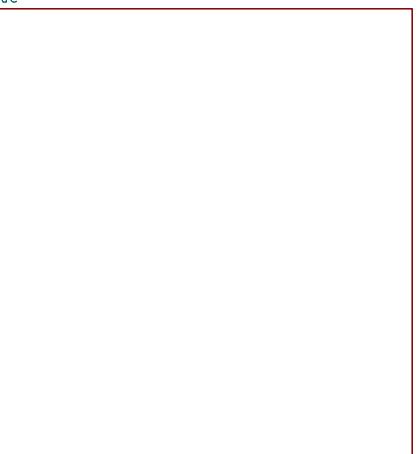
A



File: Power_supply.kicad_sch

uC

B



File: uC.kicad_sch

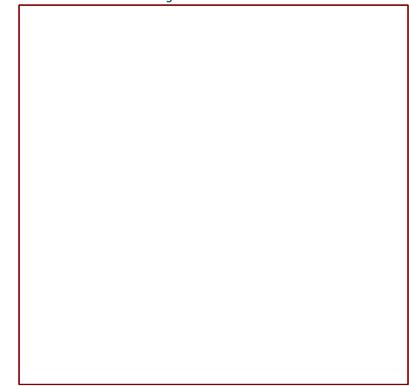
Ethernet

C



File: Ethernet.kicad_sch

The rest of the things



File: The_rest_of_the_things.kicad_sch

- wzmacniacze odwracające, nieodwracające, różnicowe,
- pomiar prądu,
- filtry aktywne,
- wzmacniacz operacyjny robiący konwersję z 0V – 3.3V na -12V – 12V,
- wzmacniacz w drugą stronę,
- bufor na wyjściu,

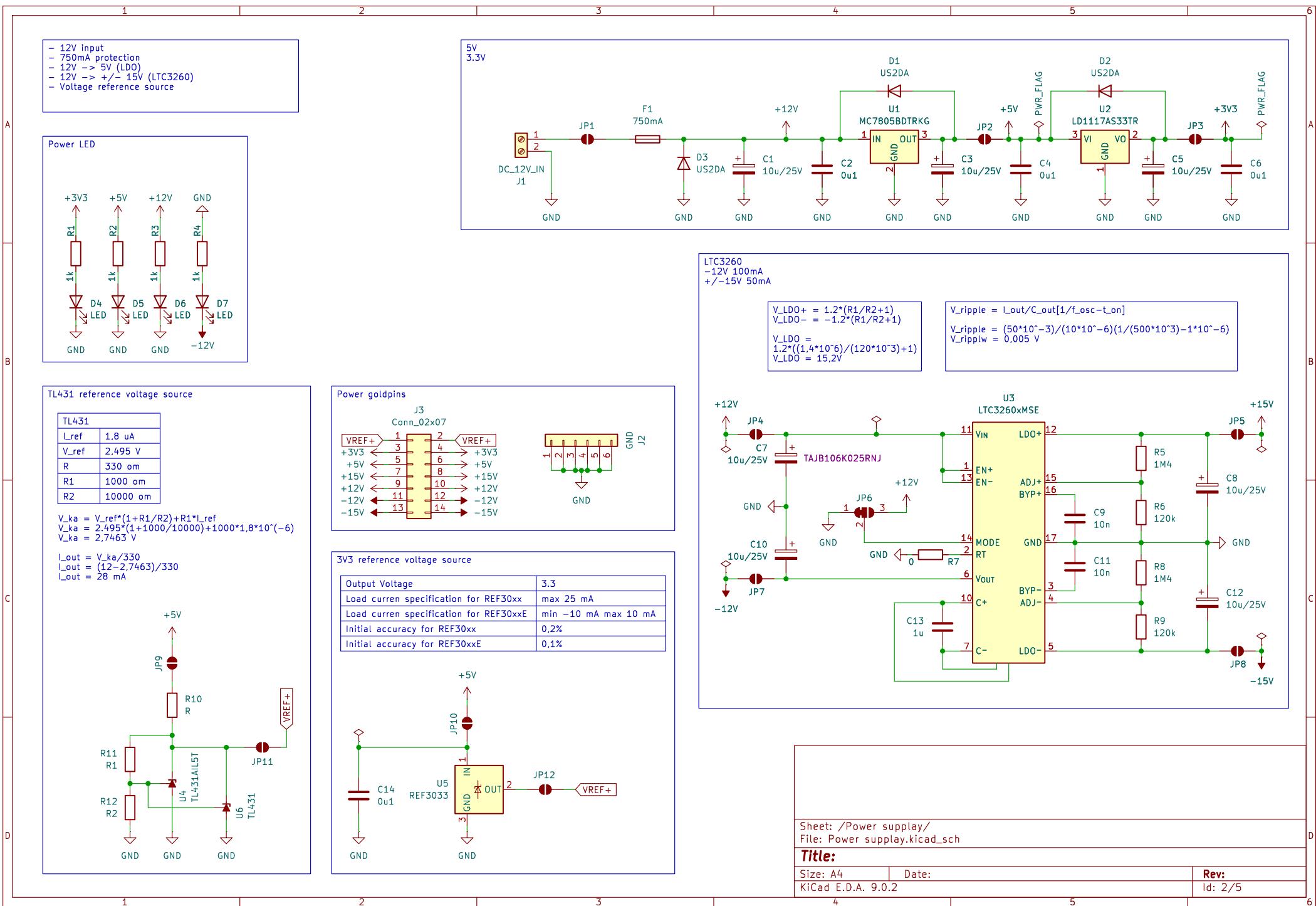
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File: STM_proto_board.kicad_sch

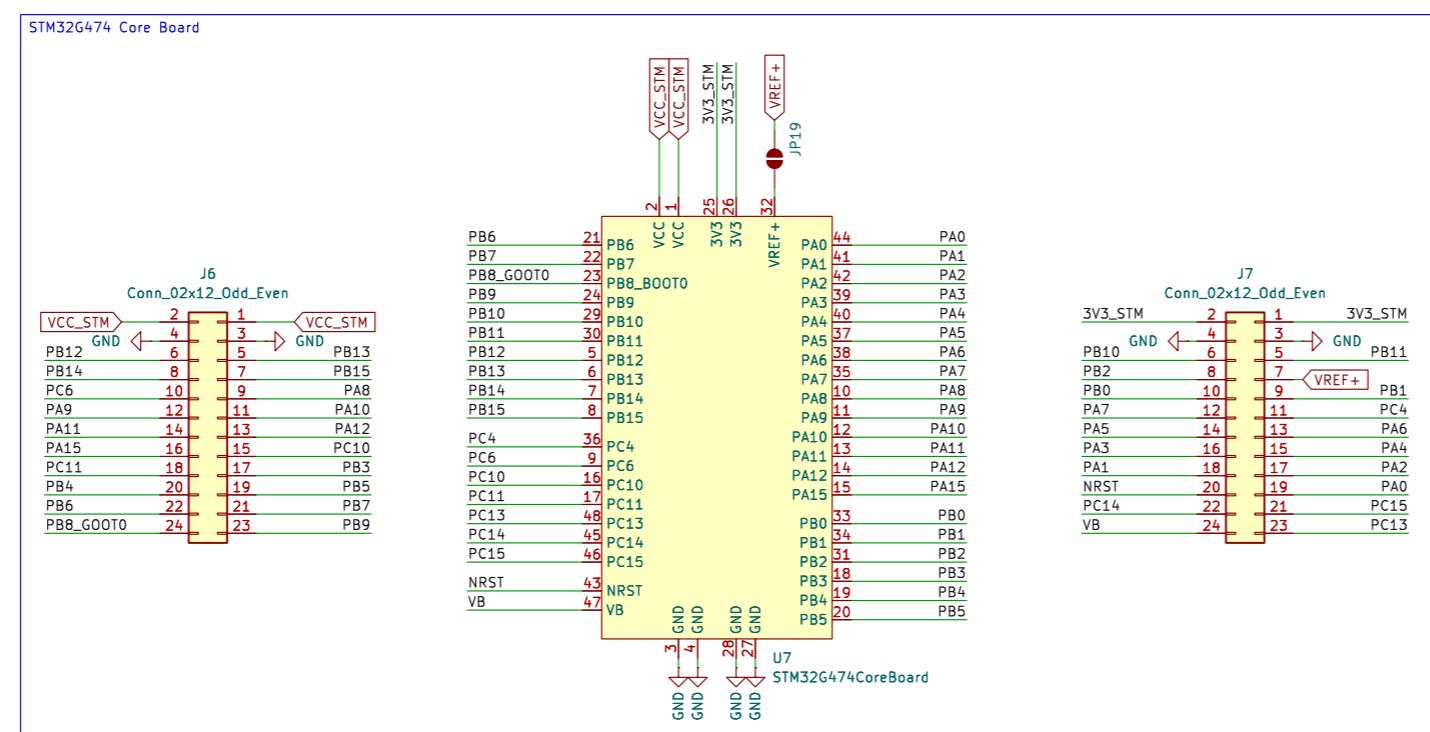
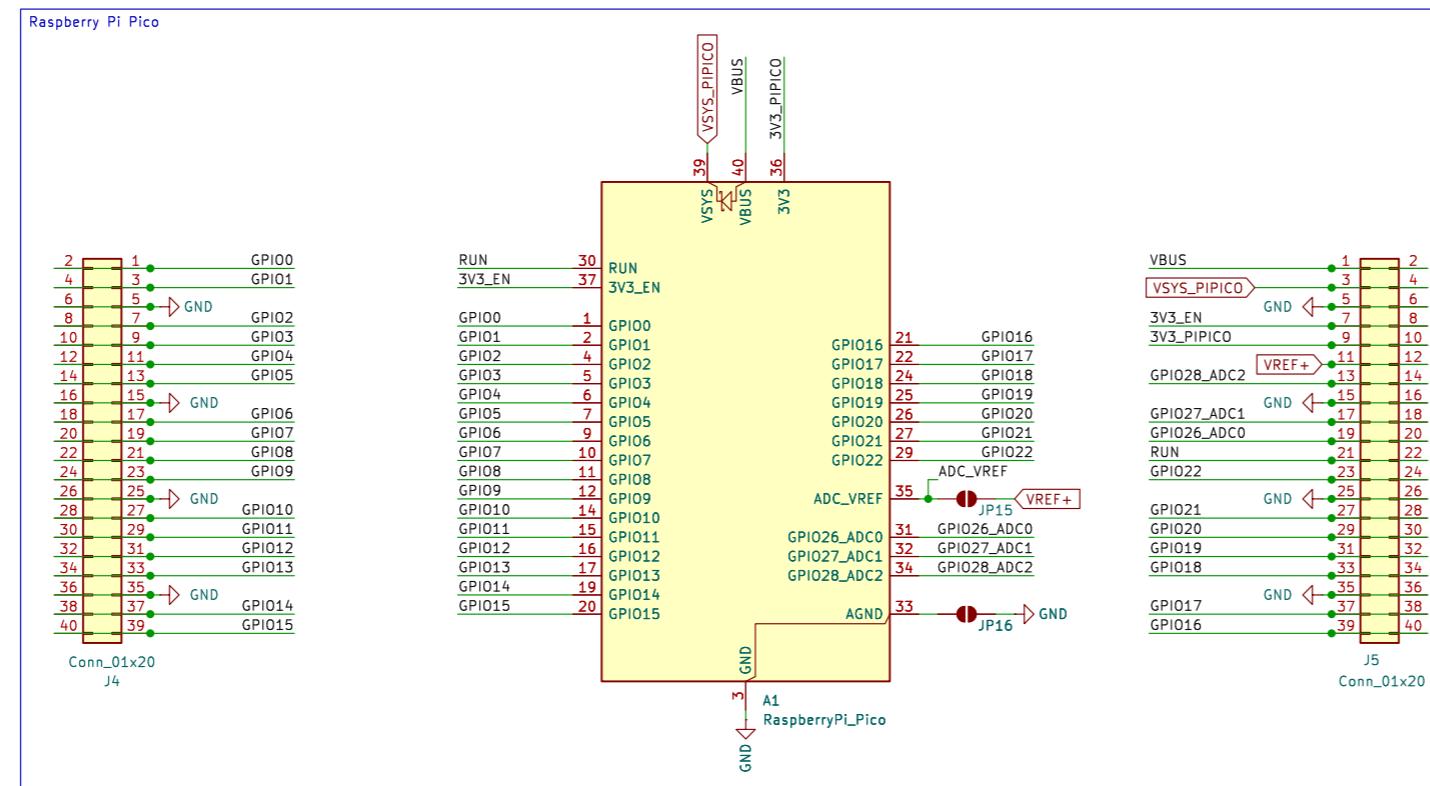
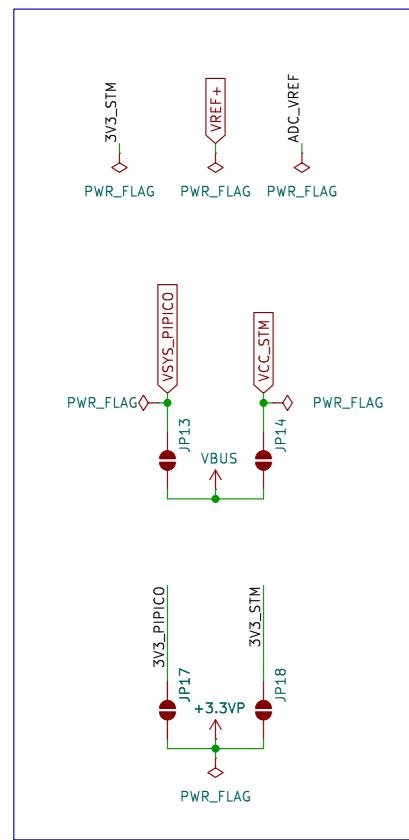
Title:

Size: A4 | Date:
KiCad E.D.A. 9.0.2

Rev:
Id: 1/5

1 2 3 4 5 6





Sheet: /uC/
File: uC.kicad_sch

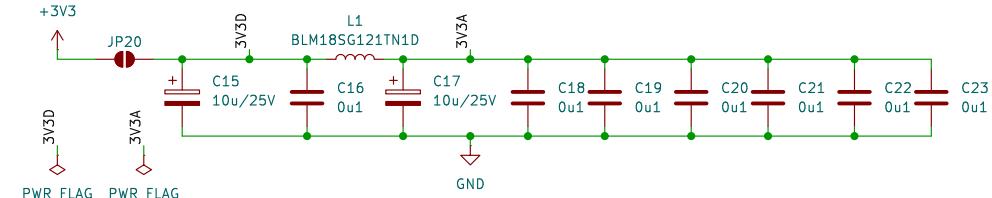
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Size: A3 Date:
KiCad E.D.A. 9.0.2

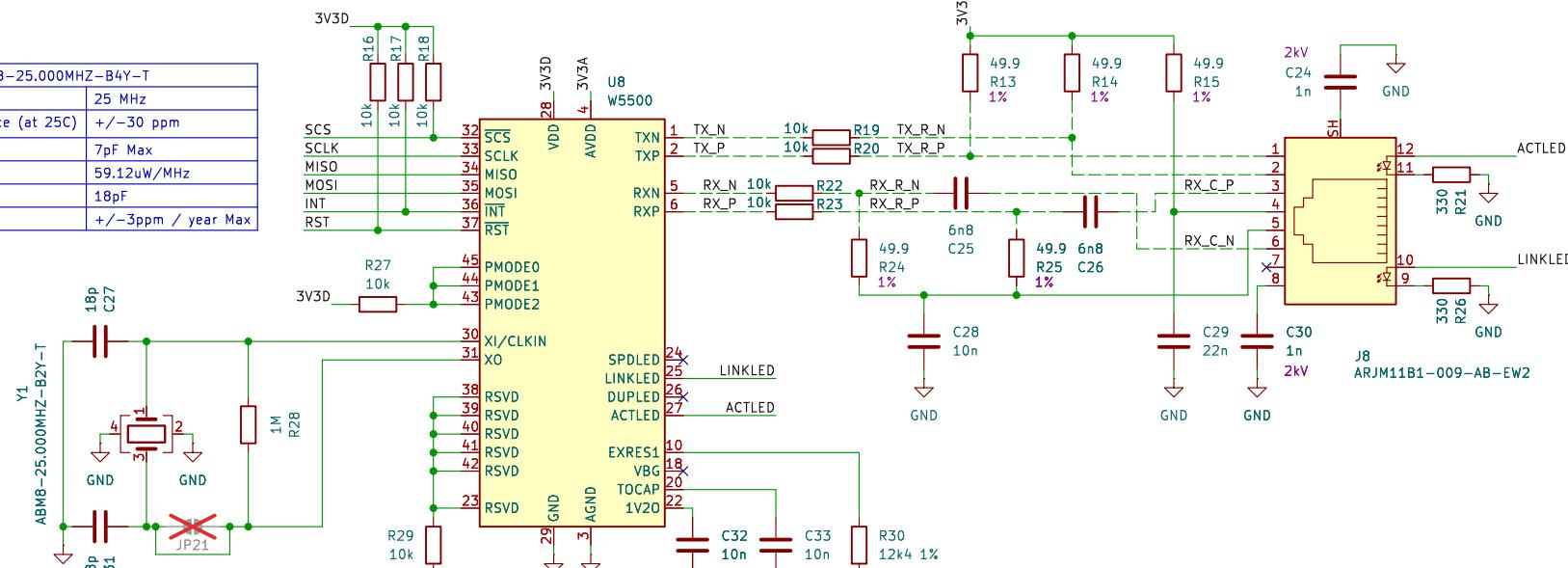
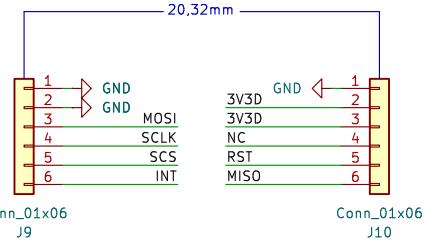
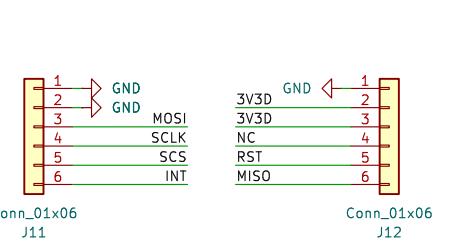
- Ethernet W5500
- Power jumper
- Gold pin outputs

Power supply

BLM18SG121TN1D	
Impedance	120 Ohms
Maximum DC current	3 A
Tolerance	25 %
Maximum DC resistance	25 mOhms

**W5500**

ABM8-25.000MHZ-B4Y-T	
Frequency	25 MHz
Frequency Tolerance (at 25C)	+/-30 ppm
Shunt Capacitance	7pF Max
Drive Level	59.12uW/MHz
Load Capacitance	18pF
Aging (at 25C)	+/-3ppm / year Max

**Space for the module****Goldpin outputs**

Sheet: /Ethernet/
File: Ethernet.kicad_sch

Title:

Size: A4 Date:

KiCad E.D.A. 9.0.2

Rev:

Id: 4/5

1 2 3 4 5 6 7 8

- Buttons,
- Potentiometer,
- LED indicators,
- Adafruit standard I2C pinout,
- Module connectors

