

mbedShield: YET ANOTHER MBED

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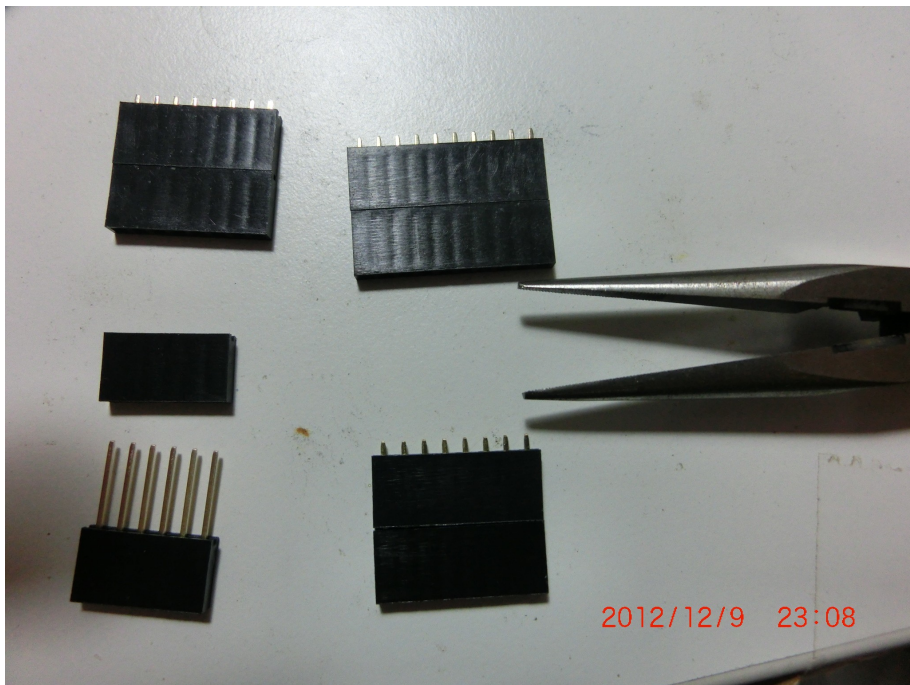
1. Components

No.	Description	AKIZUKI number	0.4.0
1	2x 20p pin socket	C-3138	v
2	4x 8p pin socket	C-4046	v
3	2x 6p pin socket	C-4045	v
4	2x 10p additional pin socket	C-7199	v
5	TH USB-A	C-160	v
6	TH USB mini-B	C-2235	v
7	DC jack	C-6568	v
8	5V smd LDO	I-2503	v
9	smd 0.1uF	P-355	v
10	smd 100ohm	R-6101	v
11	smd Schottky diode	I-2073	v
12	I2C/Analog switch	P-2627	v
13	TH Vin 100uF/16V	P-5002	v
14	reset switch	P-3647	v

2. Soldering of the Kit

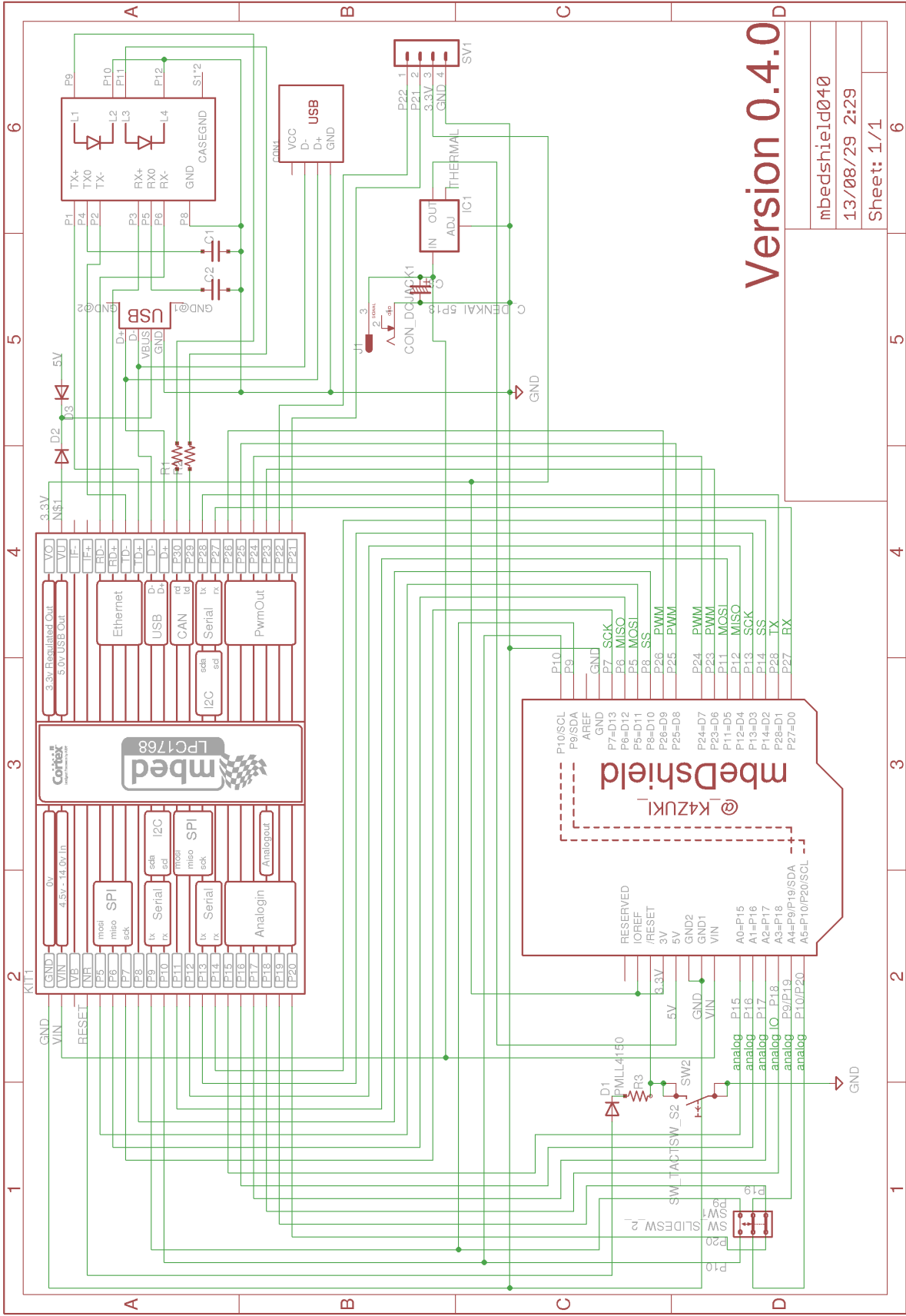
From lower height components:

- SMD parts C, R, D, LDO
- mbed socket
- Vin capacitor
- USB sockets A and mini-B
- Vin capacitor
- DC jack
- board connectors
- g1. unplug pins from one of each pair
- g2. stack with other one
- g3. solder stacked socket



- h. Ethernet RJ45 socket
- h1. remove black post

3. Schematics of v0.4.0



Version 0.4.0

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