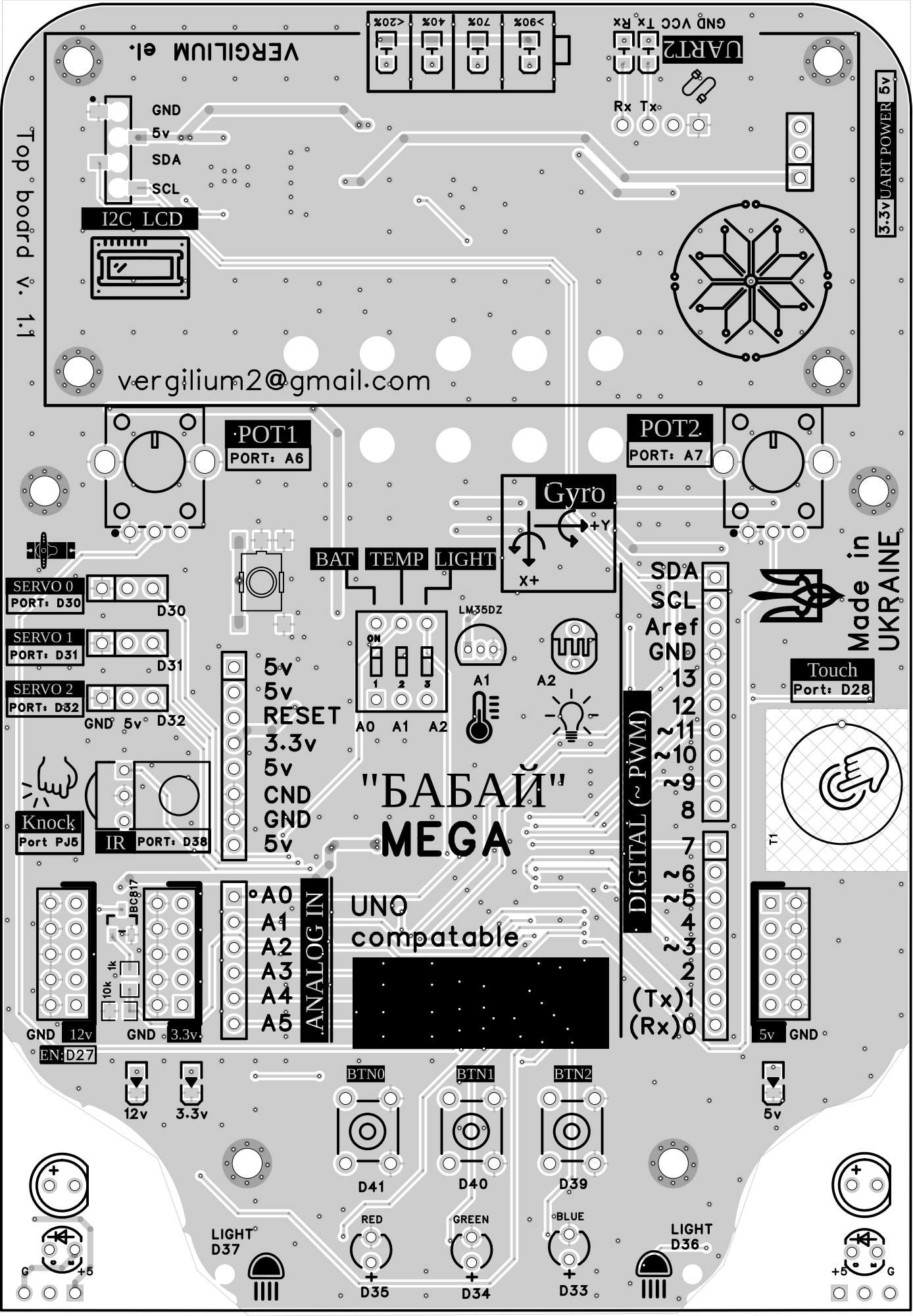
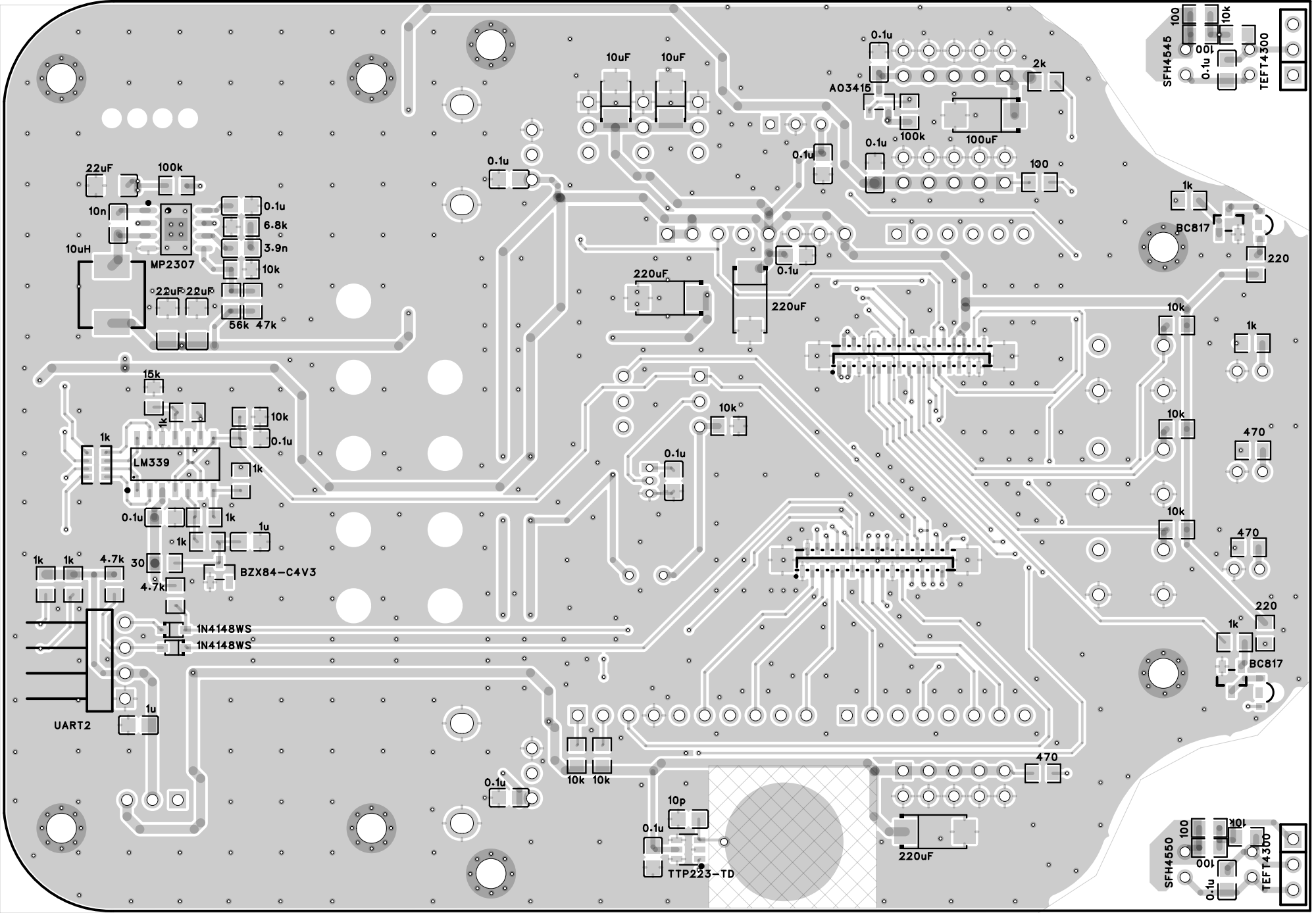

Top board v. 1.1
VERGILIUM el.
<20%
40%
70%
>90%
UART2
GND VCC Tx Rx
Rx Tx
UART POWER 5v
3.3v
GND
5v
SDA
SCL
I2C LCD
vergilium2@gmail.com
POT1
PORT: A6
POT2
PORT: A7
Gyro
+Y
X+
BAT
TEMP
LIGHT
LM35DZ
A1
A2
SERVO 0
PORT: D30
D30
SERVO 1
PORT: D31
D31
SERVO 2
PORT: D32
GND 5v D32
5v
5v
RESET
3.3v
5v
GND
GND
5v
A0 A1 A2
"БАБАЙ"
MEGA
UNO
compatable
Knock
Port PJ5
IR
PORT: D38
BC817
10k
1k
GND 12v
GND 3.3v
EN:D27
A0
A1
A2
A3
A4
A5
ANALOG IN
SDA
SCL
Aref
GND
13
12
~11
~10
~9
8
7
~6
~5
4
~3
2
(Tx)1
(Rx)0
DIGITAL (~ PWM)
Touch
Port: D28
T1
Made in UKRAINE
5v GND
12v
3.3v
5v
BTN0
BTN1
BTN2
D41
D40
D39
LIGHT
D37
RED
GREEN
BLUE
D35
D34
D33
LIGHT
D36
G +5
+5 G


22uF
100k
10n
10uH
MP2307
0.1u
6.8k
3.9n
10k
22uF
22uF
56k
47k
15k
1k
LM339
10k
0.1u
1k
0.1u
1k
1k
1u
1k
1k
4.7k
30
4.7k
BZX84-C4V3
1N4148WS
1N4148WS
UART2
1u
10uF
10uF
0.1u
220uF
0.1u
220uF
0.1u
10k
0.1u
10k
10k
0.1u
10p
0.1u
TTP223-TD
0.1u
AO3415
100k
100uF
2k
0.1u
0.1u
100
1k
BC817
220
10k
1k
10k
470
10k
470
220
1k
BC817
470
220uF
SFH4545
100
10k
100
0.1u
TEF14300
SFH4550
100
10k
100
0.1u
TEF14300