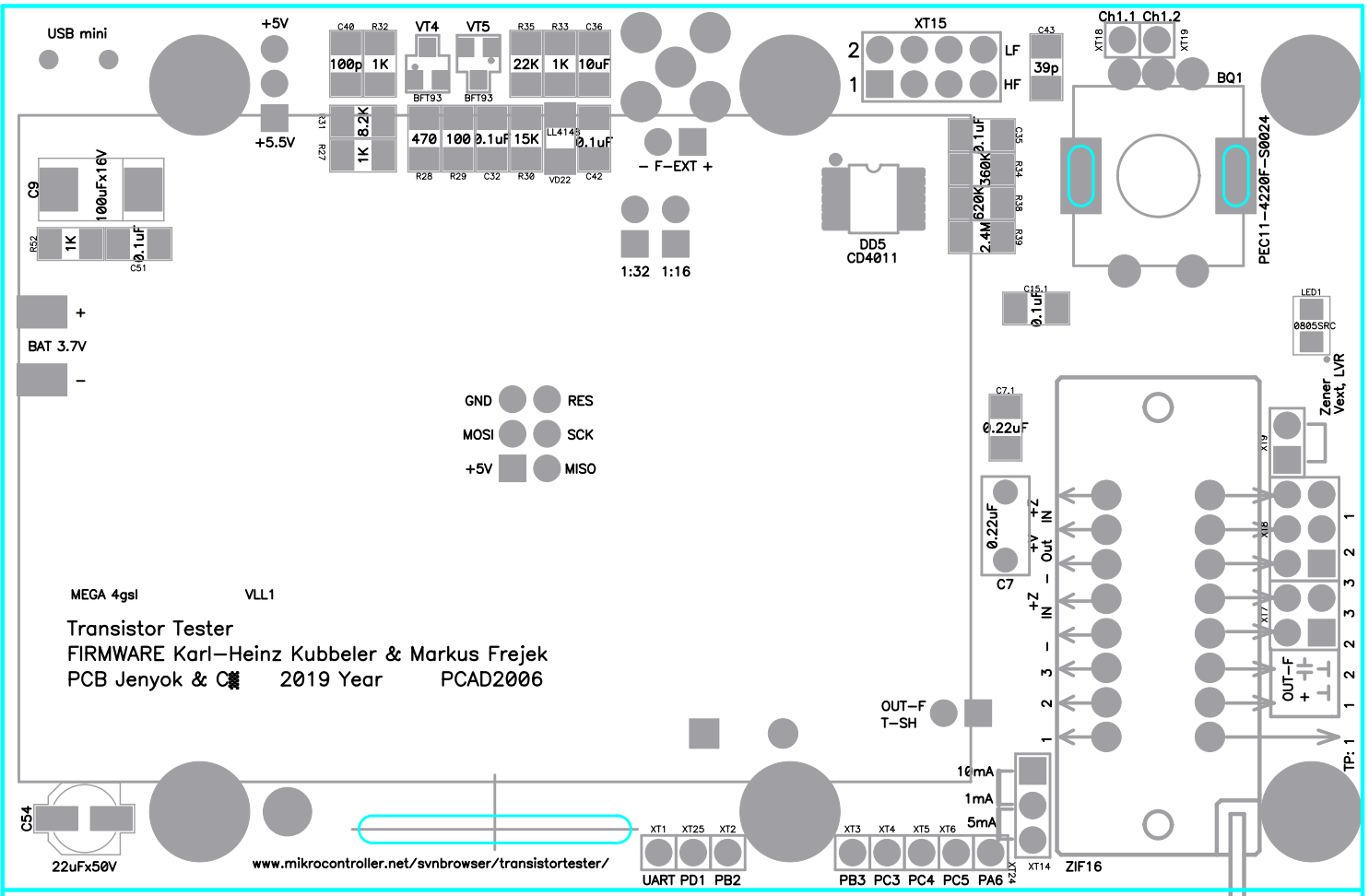
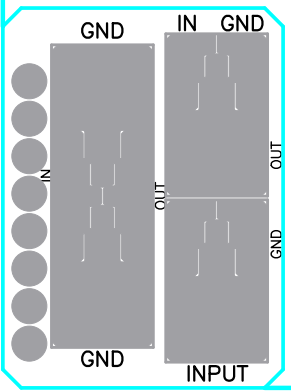
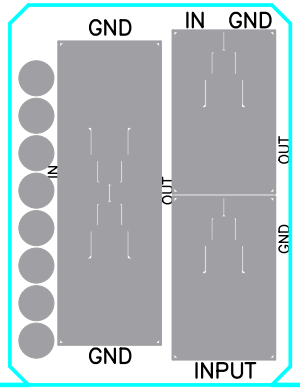
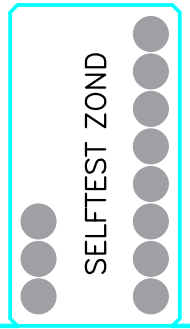
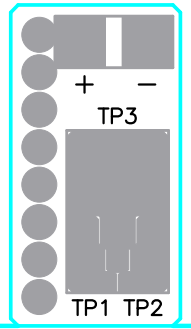
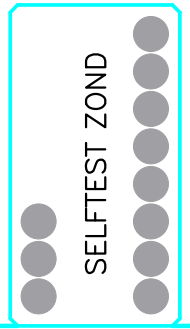

USB mini
+5V
+5.5V
C40 R32
100p 1K
VT4
VT5
BFT93
BFT93
R35 R33 C36
22K 1K 10uF
R31 8.2K
R27 1K
470 100 0.1uF 15K
LL4148
0.1uF
R28 R29 C32 R30 VD22 C42
C9
100uFx16V
R52 1K
0.1uF
C51
BAT 3.7V
+
-
- F-EXT +
1:32 1:16
XT15
2
1
LF
HF
C43
39p
Ch1.1 Ch1.2
XT18
XT19
BQ1
PEC11-4220F-S0024
DD5
CD4011
2.1uF
C35
360K
R34
620K
R38
2.4M
R39
C15.1
0.1uF
LED1
0805SRC
Zener
Vext, LVR
GND
RES
MOSI
SCK
+5V
MISO
C7.1
0.22uF
0.22uF
C7
+Z IN
+V Out
- -
+Z IN
- -
3 2 1
XT19
XT16
XT17
1 2 3
3 2 1
OUT-F
+
TP: 1
MEGA 4gsl
VLL1
Transistor Tester
FIRMWARE Karl-Heinz Kubbeler & Markus Frejek
PCB Jenyok & C
2019 Year
PCAD2006
OUT-F
T-SH
10mA
1mA
5mA
XT14
ZIF16
C54
22uFx50V
www.mikrocontroller.net/svnbrowser/transistortester/
XT1 XT25 XT2
UART PD1 PB2
XT3 XT4 XT5 XT6
PB3 PC3 PC4 PC5 PA6
XT24

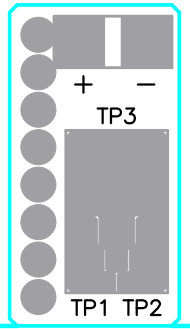

GND
IN GND
IN
OUT
OUT
GND
GND
INPUT


GND
IN GND
IN
OUT
OUT
GND
GND
INPUT


SELFTEST ZOND


+ -
TP3
TP1 TP2


SELFTEST ZOND


+ -
TP3
TP1 TP2