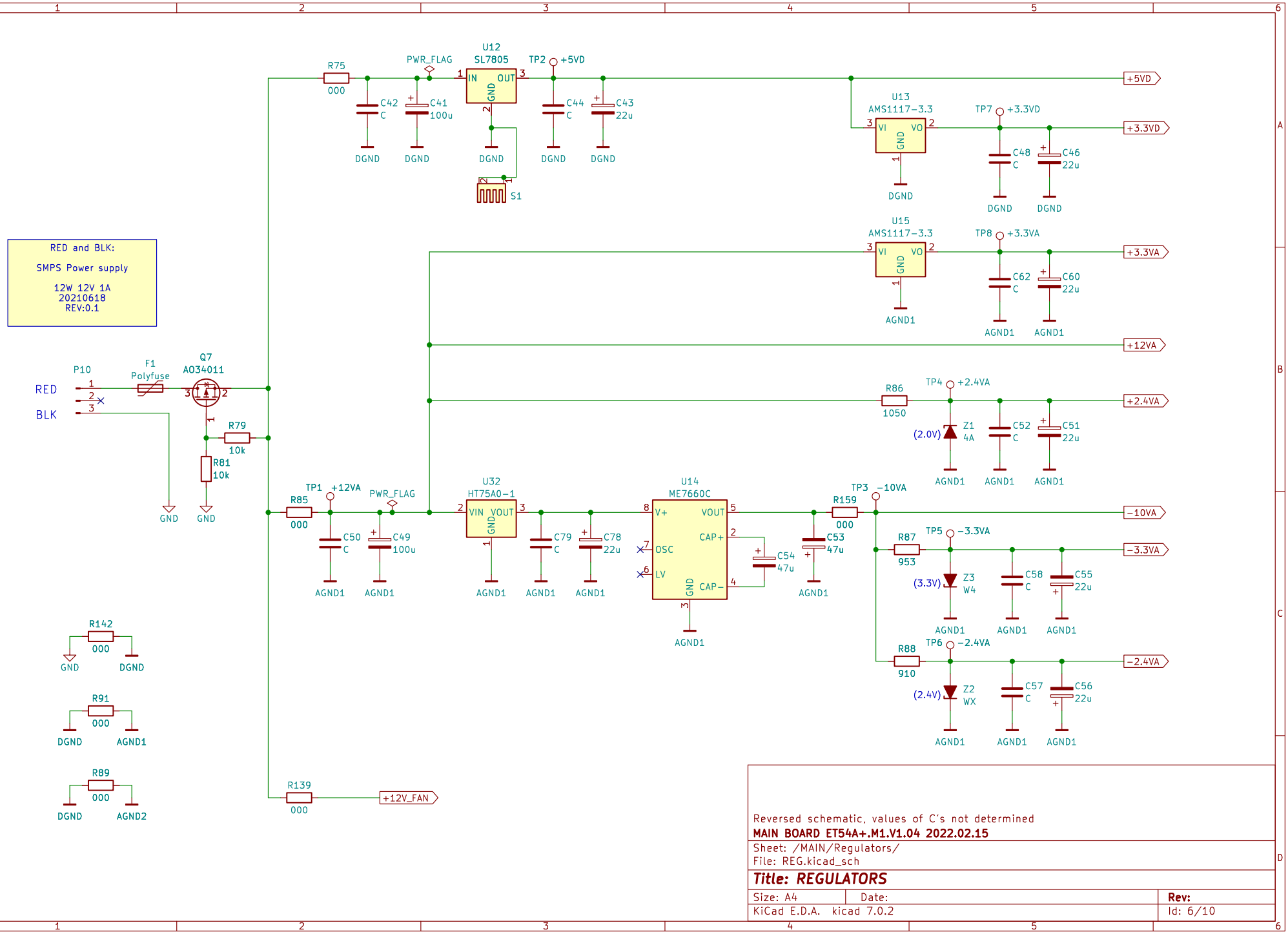
RED and BLK:
SMPS Power supply
12W 12V 1A
20210618
REV:0.1
P10
RED
BLK
F1
Polyfuse
Q7
AO34011
R79
10k
R81
10k
GND
R75
000
PWR_FLAG
U12
SL7805
IN
OUT
GND
TP2
+5VD
C42
C
C41
100u
C44
C
C43
22u
DGND
S1
U13
AMS1117-3.3
VI
VO
TP7
+3.3VD
C48
C
C46
22u
U15
AMS1117-3.3
TP8
+3.3VA
C62
C
C60
22u
AGND1
+5VD
+3.3VD
+3.3VA
+12VA
R86
1050
TP4
+2.4VA
Z1
4A
(2.0V)
C52
C
C51
22u
+2.4VA
R85
000
TP1
+12VA
C50
C
C49
100u
U32
HT75A0-1
VIN
VOUT
C79
C
C78
22u
U14
ME7660C
V+
VOUT
CAP+
OSC
LV
CAP-
C54
47u
C53
47u
R159
000
TP3
-10VA
-10VA
R87
953
TP5
-3.3VA
Z3
W4
(3.3V)
C58
C
C55
22u
-3.3VA
R88
910
TP6
-2.4VA
Z2
WX
(2.4V)
C57
C
C56
22u
-2.4VA
R139
000
+12V_FAN
R142
000
R91
000
R89
000
AGND2
Reversed schematic, values of C's not determined
MAIN BOARD ET54A+.M1.V1.04 2022.02.15
Sheet: /MAIN/Regulators/
File: REG.kicad_sch
Title: REGULATORS
Size: A4
Date:
Rev:
KiCad E.D.A. kicad 7.0.2
Id: 6/10