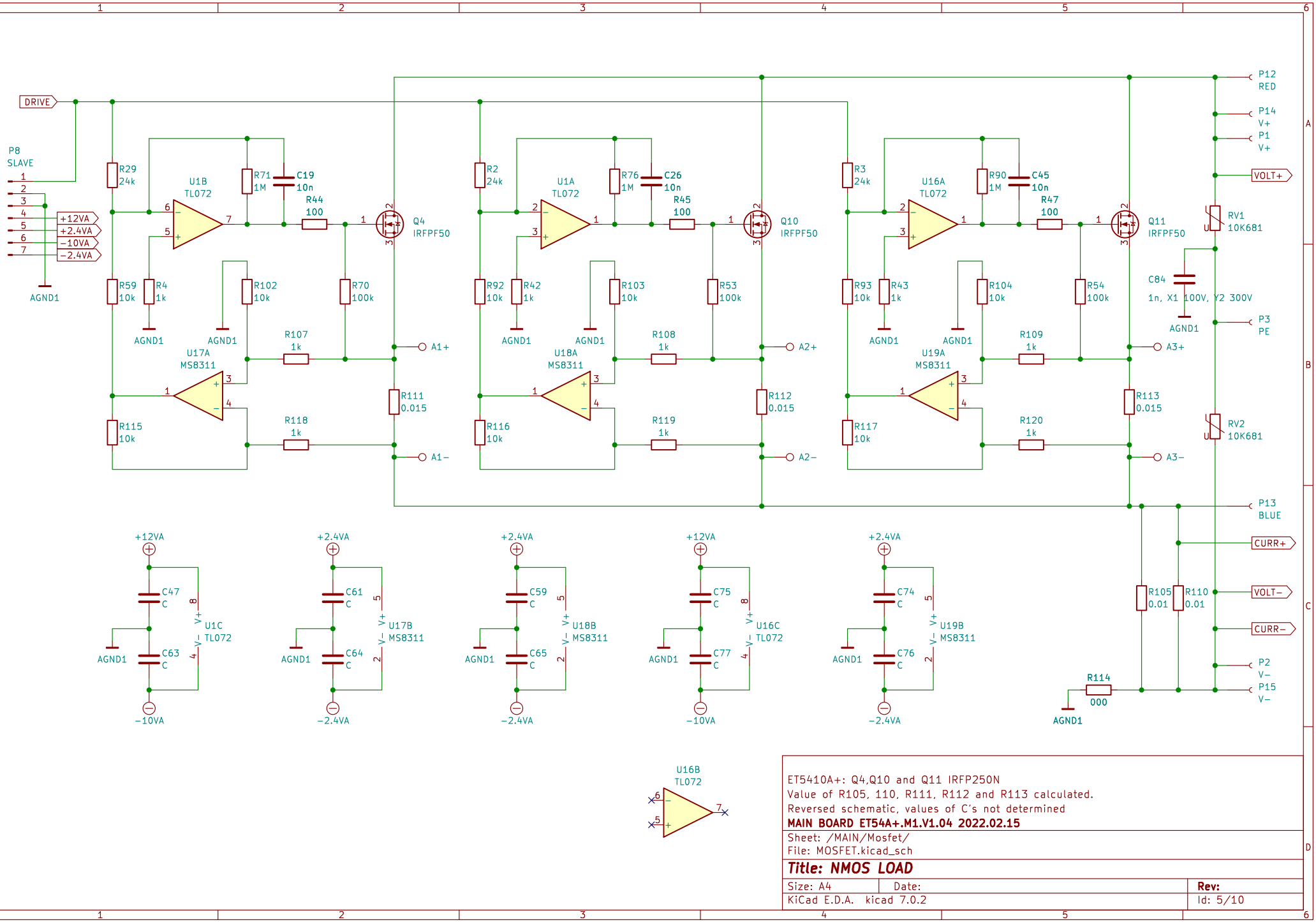
DRIVE
P8
SLAVE
+12VA
+2.4VA
−10VA
−2.4VA
AGND1
U1B
TL072
R29
24k
R71
1M
C19
10n
R44
100
Q4
IRFPF50
R59
10k
R4
1k
R102
10k
R70
100k
R107
1k
U17A
MS8311
R115
10k
R118
1k
R111
0.015
A1+
A1−
U1A
TL072
R2
24k
R76
1M
C26
10n
R45
100
Q10
IRFPF50
R92
10k
R42
1k
R103
10k
R53
100k
R108
1k
U18A
MS8311
R116
10k
R119
1k
R112
0.015
A2+
A2−
U16A
TL072
R3
24k
R90
1M
C45
10n
R47
100
Q11
IRFPF50
R93
10k
R43
1k
R104
10k
R54
100k
R109
1k
U19A
MS8311
R117
10k
R120
1k
R113
0.015
A3+
A3−
P12
RED
P14
V+
P1
V+
VOLT+
RV1
10K681
C84
1n, X1 100V, Y2 300V
P3
PE
RV2
10K681
P13
BLUE
CURR+
VOLT−
CURR−
P2
V−
P15
V−
R105
0.01
R110
0.01
R114
000
C47
C
C63
C
U1C
TL072
C61
C
C64
C
U17B
MS8311
C59
C
C65
C
U18B
MS8311
C75
C
C77
C
U16C
TL072
C74
C
C76
C
U19B
MS8311
U16B
TL072
ET5410A+: Q4,Q10 and Q11 IRFP250N
Value of R105, 110, R111, R112 and R113 calculated.
Reversed schematic, values of C's not determined
MAIN BOARD ET54A+.M1.V1.04 2022.02.15
Sheet: /MAIN/Mosfet/
File: MOSFET.kicad_sch
Title: NMOS LOAD
Size: A4
Date:
Rev:
KiCad E.D.A. kicad 7.0.2
Id: 5/10