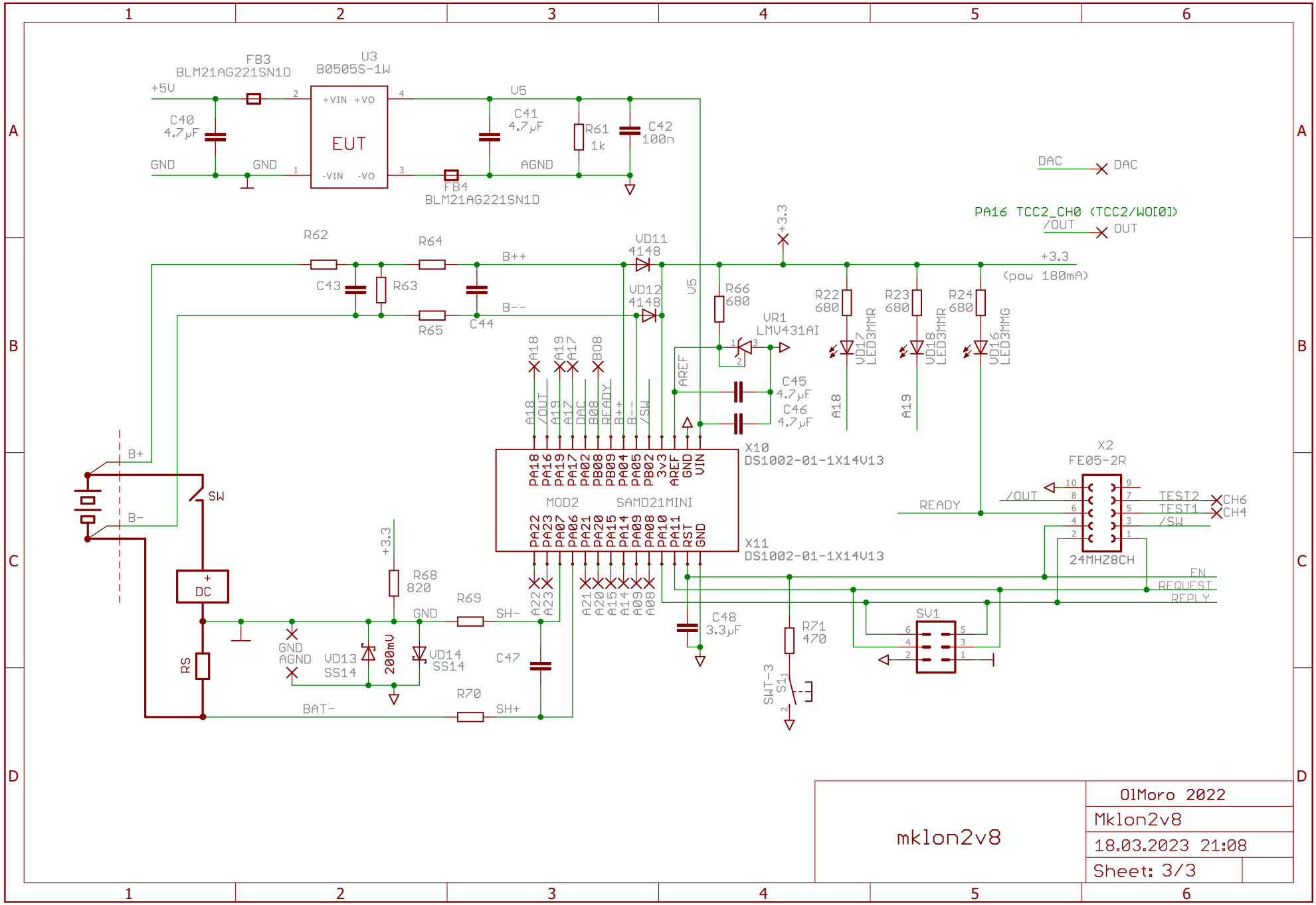
FB3
BLM21AG221SN1D
U3
B0505S-1W
+5V
C40
4.7µF
GND
+VIN +VO
EUT
-VIN -VO
V5
C41
4.7µF
R61
1k
C42
100n
AGND
FB4
BLM21AG221SN1D
DAC
PA16 TCC2_CH0 (TCC2/WO[0])
/OUT
OUT
+3.3
(pow 180mA)
R62
R64
B++
C43
R63
C44
B--
R65
VD11
4148
VD12
4148
R66
680
VR1
LMV431AI
R22
680
R23
680
R24
680
VD17
LED3MMR
VD18
LED3MMR
VD16
LED3MMG
A18
A19
C45
4.7µF
C46
4.7µF
AREF
X10
DS1002-01-1X14V13
MOD2
SAMD21MINI
X11
DS1002-01-1X14V13
X2
FE05-2R
24MHZ8CH
READY
TEST2
TEST1
/SW
CH6
CH4
EN
REQUEST
REPLY
SV1
B+
B-
SW
DC
RS
R68
820
R69
SH-
GND
AGND
VD13
SS14
200mV
VD14
SS14
C47
R70
SH+
BAT-
C48
3.3µF
R71
470
SWT-3
S1
mklon2v8
OlMoro 2022
Mklon2v8
18.03.2023 21:08
Sheet: 3/3