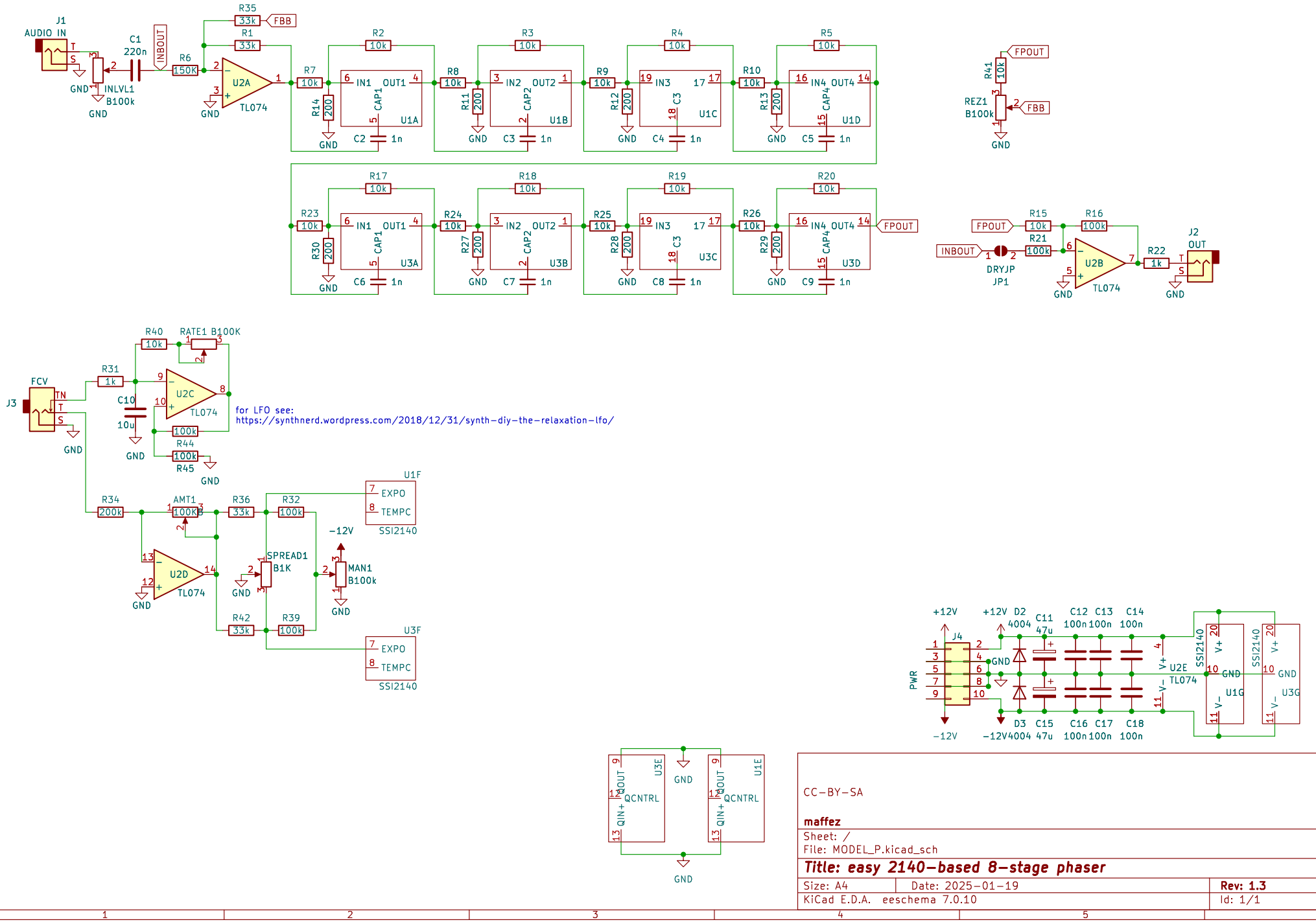
J1
AUDIO IN
C1
220n
INBOUT
R35
33k
FBB
R1
33k
R6
150K
U2A
TL074
INLVL1
B100k
GND
R2
10k
R3
10k
R4
10k
R5
10k
R7
10k
R8
10k
R9
10k
R10
10k
R14
200
R11
200
R12
200
R13
200
IN1
OUT1
CAP1
U1A
IN2
OUT2
CAP2
U1B
IN3
C3
U1C
IN4
OUT4
CAP4
U1D
C2
1n
C3
1n
C4
1n
C5
1n
R41
10k
REZ1
B100k
FPOUT
FBB
R17
10k
R18
10k
R19
10k
R20
10k
R23
10k
R24
10k
R25
10k
R26
10k
R30
200
R27
200
R28
200
R29
200
U3A
U3B
U3C
U3D
C6
1n
C7
1n
C8
1n
C9
1n
R15
10k
R16
100k
R21
100k
INBOUT
DRYJP
JP1
U2B
TL074
R22
1k
J2
OUT
R40
10k
RATE1 B100K
R31
1k
C10
10u
U2C
TL074
R44
100k
R45
100k
FCV
J3
TN
for LFO see:
https://synthnerd.wordpress.com/2018/12/31/synth-diy-the-relaxation-lfo/
R34
200k
AMT1
100K
R36
33k
R32
100k
U1F
EXPO
TEMPC
SSI2140
U2D
TL074
SPREAD1
B1K
MAN1
B100k
-12V
R42
33k
R39
100k
U3F
EXPO
TEMPC
SSI2140
+12V
J4
PWR
D2
4004
D3
4004
C11
47u
C15
47u
C12
100n
C13
100n
C14
100n
C16
100n
C17
100n
C18
100n
U2E
TL074
U1G
U3G
SSI2140
U3E
U1E
QOUT
QCNTRL
QIN+
CC-BY-SA
maffez
Sheet: /
File: MODEL_P.kicad_sch
Title: easy 2140-based 8-stage phaser
Size: A4
Date: 2025-01-19
Rev: 1.3
KiCad E.D.A. eeschema 7.0.10
Id: 1/1