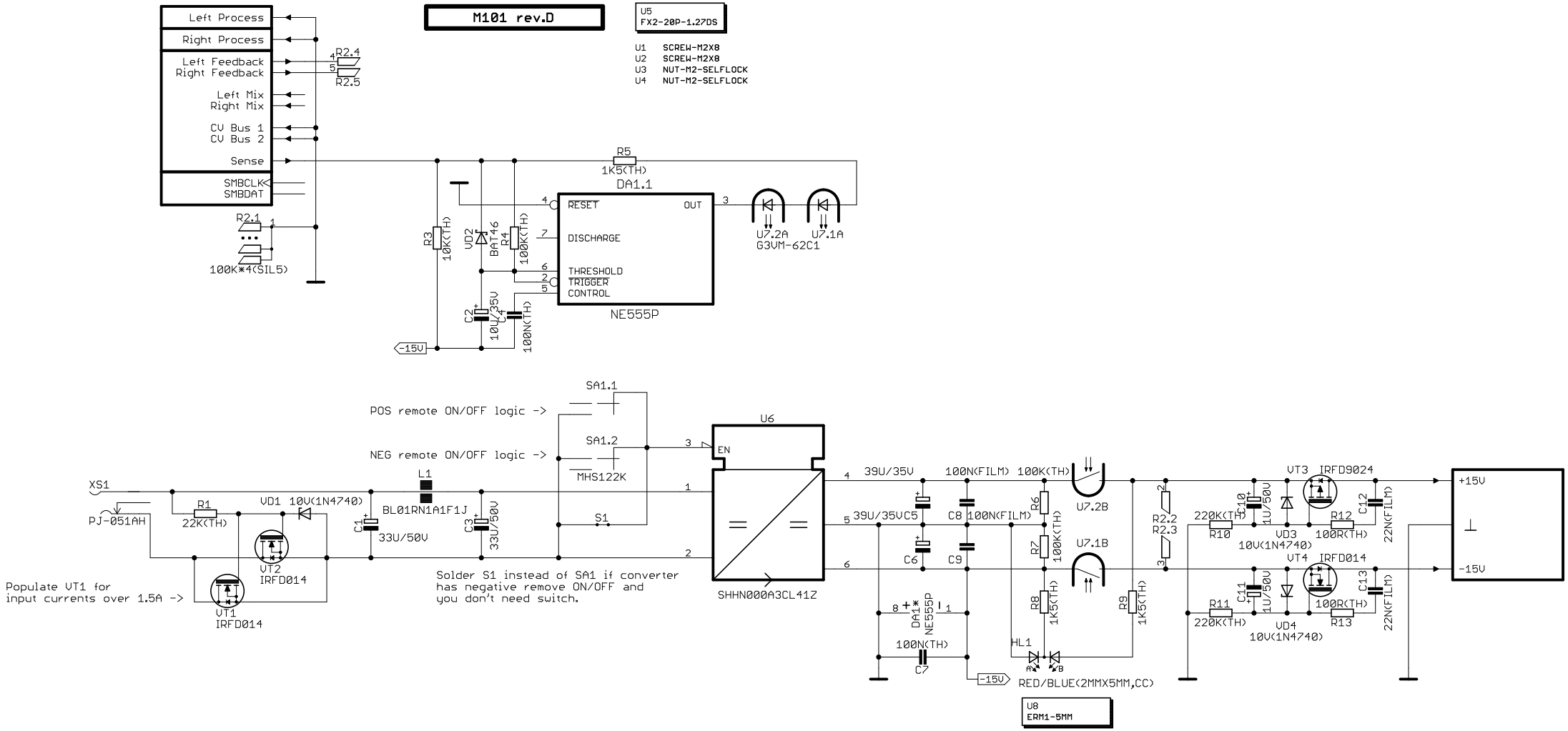
M101 rev.D
U5
FX2-20P-1.27DS
U1 SCREW-M2X8
U2 SCREW-M2X8
U3 NUT-M2-SELFLOCK
U4 NUT-M2-SELFLOCK
Left Process
Right Process
Left Feedback
Right Feedback
Left Mix
Right Mix
CV Bus 1
CV Bus 2
Sense
SMBCLK
SMBDAT
R2.4
R2.5
R2.1
100K*4(SIL5)
R5
1K5(TH)
DA1.1
RESET
OUT
DISCHARGE
THRESHOLD
TRIGGER
CONTROL
NE555P
R3
10K(TH)
VD2
BA146
R4
100K(TH)
C2
10U/35V
C4
100N(TH)
-15V
U7.2A
U7.1A
G3VM-62C1
POS remote ON/OFF logic ->
NEG remote ON/OFF logic ->
SA1.1
SA1.2
MHS122K
S1
U6
EN
SHHN000A3CL41Z
XS1
PJ-051AH
R1
22K(TH)
VD1 10V(1N4740)
L1
BL01RN1A1F1J
C1
33U/50V
C3
33U/50V
VT2
IRFD014
VT1
IRFD014
Populate VT1 for
input currents over 1.5A ->
Solder S1 instead of SA1 if converter
has negative remove ON/OFF and
you don't need switch.
39U/35V
100N(FILM)
100K(TH)
39U/35VC5
C8 100N(FILM)
C6
C9
R6
100K(TH)
R7
100K(TH)
R8
1K5(TH)
R9
1K5(TH)
U7.2B
U7.1B
DA1*
NE555P
100N(TH)
C7
HL1
RED/BLUE(2MMX5MM,CC)
U8
ERM1-5MM
R2.2
R2.3
220K(TH)
R10
C10
1U/50V
VD3
10V(1N4740)
VT3 IRFD9024
R12
100R(TH)
C12
22N(FILM)
R11
220K(TH)
C11
1U/50V
VD4
10V(1N4740)
VT4 IRFD014
R13
100R(TH)
C13
22N(FILM)
+15V
-15V