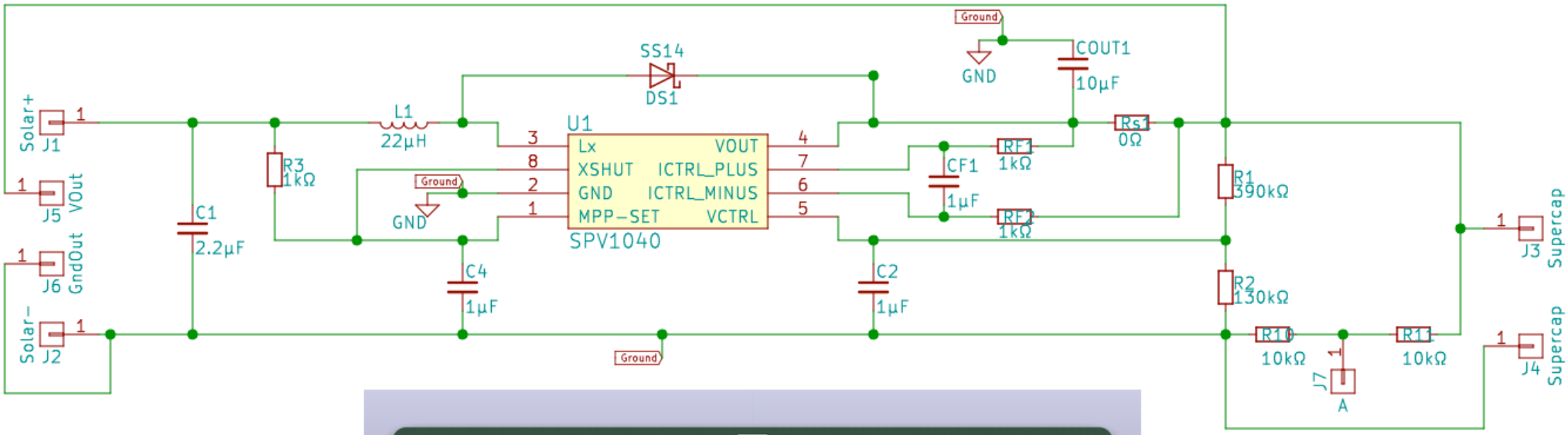
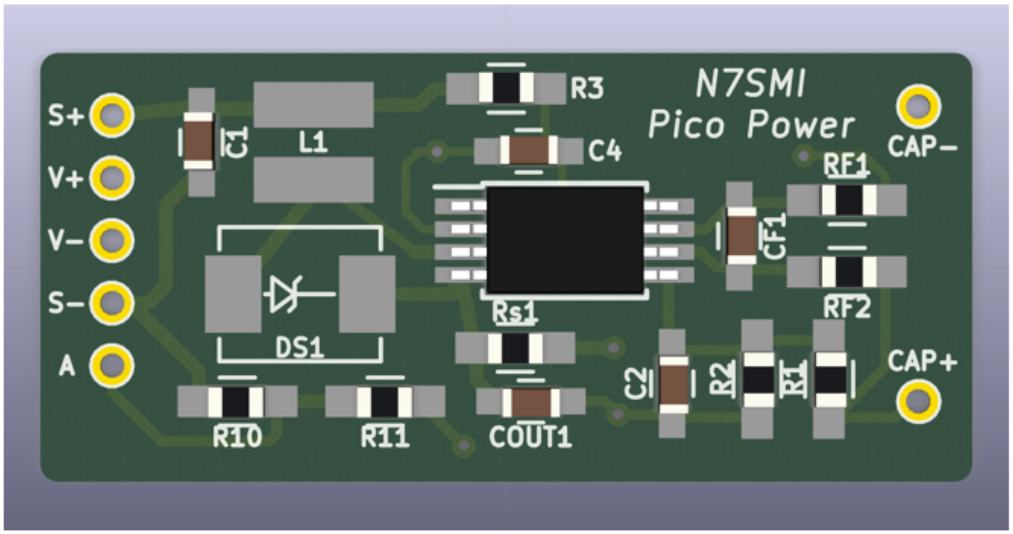
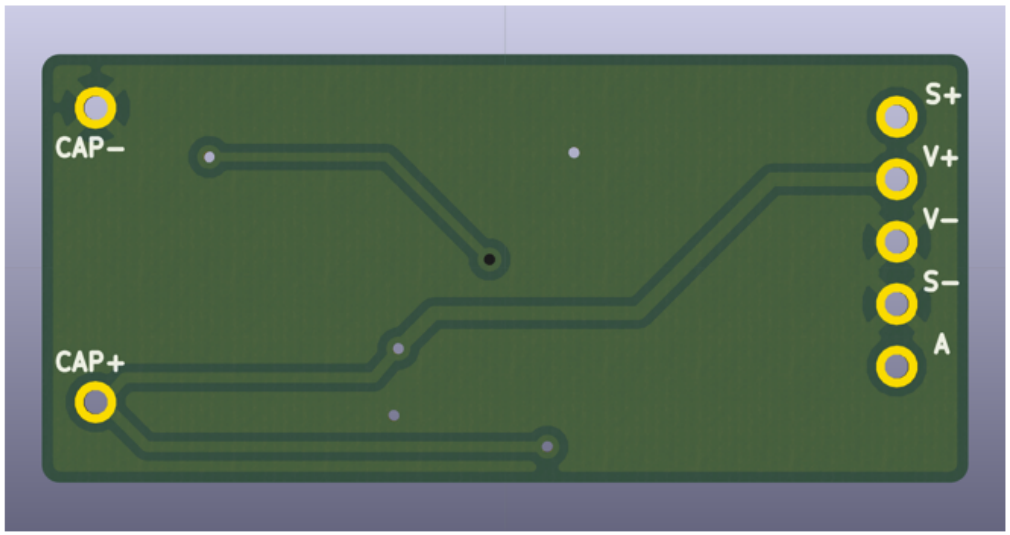

Solar+
J1
Solar-
J2
VOut
J5
GndOut
J6
C1
2.2µF
R3
1kΩ
L1
22µH
SS14
DS1
U1
Lx
XSHUT
GND
MPP-SET
VOUT
ICTRL_PLUS
ICTRL_MINUS
VCTRL
SPV1040
Ground
GND
C4
1µF
C2
1µF
COUT1
10µF
Rs1
0Ω
RF1
1kΩ
RF2
1kΩ
CF1
1µF
R1
390kΩ
R2
130kΩ
R10
10kΩ
R11
10kΩ
J7
A
J3
Supercap
J4
Supercap


N7SMI
Pico Power
S+
V+
V-
S-
A
CAP-
CAP+
C1
L1
R3
C4
RF1
RF2
CF1
Rs1
DS1
C2
R2
R1
R10
R11
COUT1


CAP-
CAP+
S+
V+
V-
S-
A