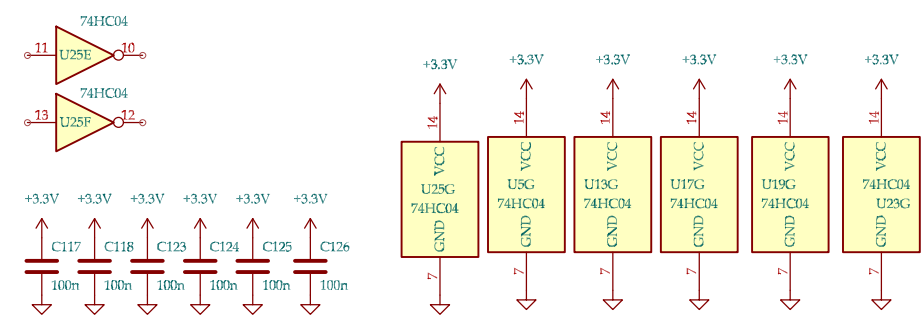
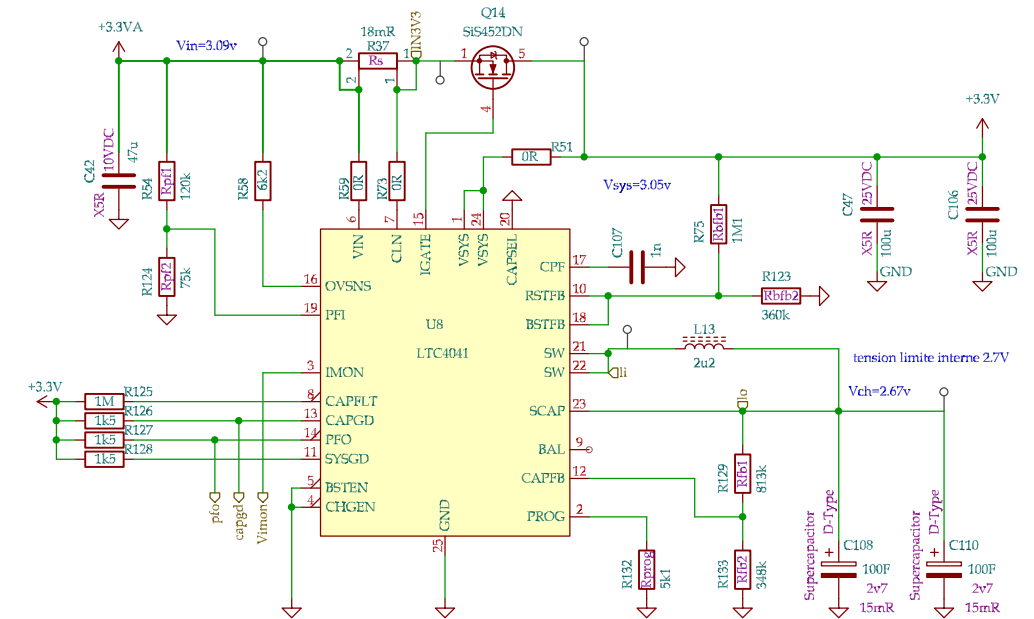


$R_s = 25mV / I_{sylim} \Rightarrow I_{sylim} = 1.3A \quad R_s = 18mR$
 $V_{in} = 1.19v(1 + R_{pf1} / R_{pf2}) \quad V_{in} = 3.094v \quad R_{pf1} = 120k \quad R_{pf2} = 75k$
 $V_{ch} = 0.8v(1 + R_{fb1} / R_{fb2}) \quad V_{ch} = 2.67v \quad R_{fb1} = 698k \quad R_{fb2} = 348k$
 $I_{chg} = 2000v / R_{prog} \quad I_{chg} = 0.8A \quad R_{prog} = 2k5$
 $I_{sys} = V_{in} / (32 \cdot R_s) \quad V_{in} = 800mV \quad max$
 $V_{sys} = 0.74v(1 + R_{fb1} / R_{fb2}) \quad V_{sys} = 3.05v \quad R_{fb1} = 1M1 \quad R_{fb2} = 360k$



4.1 reglage optimum tension supercap.
 4.0 en Test
ECOPHOT - Astrophot
 Sheet: /Filtre EMI/ Alimentation 3.3 volts/
 File: 3v3_power.kicad_sch
Title: Alimentation 3V3 + Supercap.
 Size: A4 Date: 2025-05-08 Rev: 4.1
 KiCad E.D.A. 9.0.6 Id: 3/7