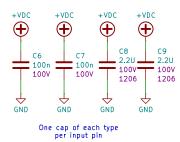
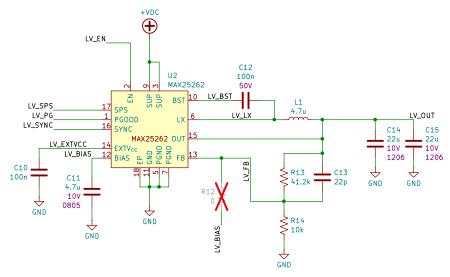


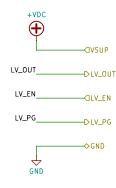
HV STEP-DOWN REGULATOR

BYPASSING





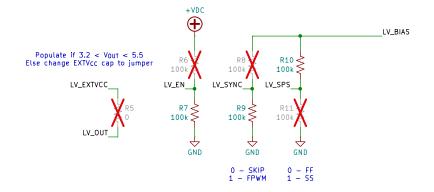
SHEET INTERFACES



Short FB to BIAS for fixed output
Otherwise, use formula for output:

 $V_{OUT} = (R_T/R_B + 1)$

CONFIGURATION



Project: HV Step-Down Regulator

Schematic: HV_Stepdown

All resistors 0603 1% 0.1W unless noted All capacitors 0603 16V X5R 10% unless noted

Date: 2025-07-15 R

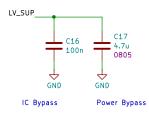
Rev: 0

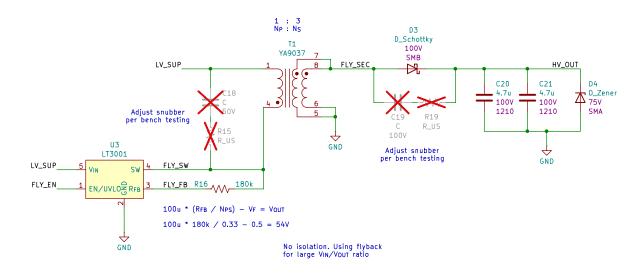
page: 2/5

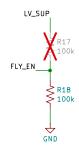


FLYBACK REGULATOR

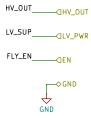
BYPASSING







SHEET INTERFACES



Project: LV Step-Up (Flyback) Regulator

Schematic: LV_Stepup

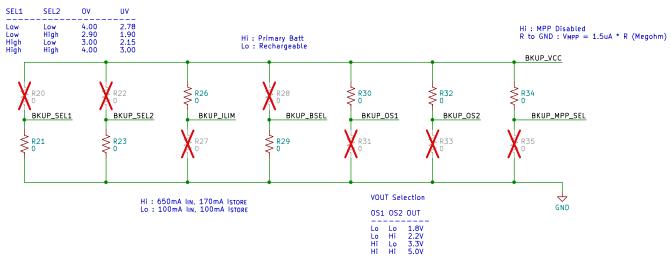
All resistors 0603 1% 0.1W unless noted All capacitors 0603 16V 10% X5R unless noted

Date: 2025-07-16 Rev: 0 page: 3/5

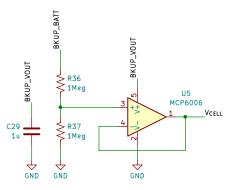


Pin Configuration Options

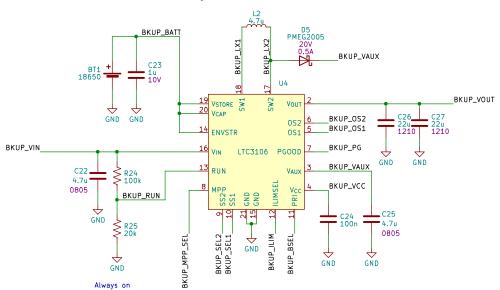
OV/UV Settings (Rechargeable)



Cell Voltage Buffer



Regulator Circuit



Sheet Interfaces

Project: LV Backup Power System

Schematic: Backup

All resistors 0603 1% 0.1W unless noted All capacitors 0603 16V 10% X5R unless noted

% X5R unless noted

0 page: 4/5

LABORATOR

Date: 2025-07-15 Rev: 0 page: 4/5

