

Question about UCC25640EVM-020

Situation

- Using UCC25640EVM-020
- Open loop as described in application note (sluual2)
- I changed the circuit (100kHz circuit described in P. 10 1.7 How to Operate the UCC25640x Controller in the Open Loop?), but it does not work properly.
- C_{vcr_upper} (C13) is removed and C_{vcr_lower} (C21) is installed with 10nF. R_{fb} is 78k Ω .
- Connecting both the top VCR capacitance (C13) and lower VCR capacitance (C21) seems to work correctly.
- Could you please advise what the problem is.

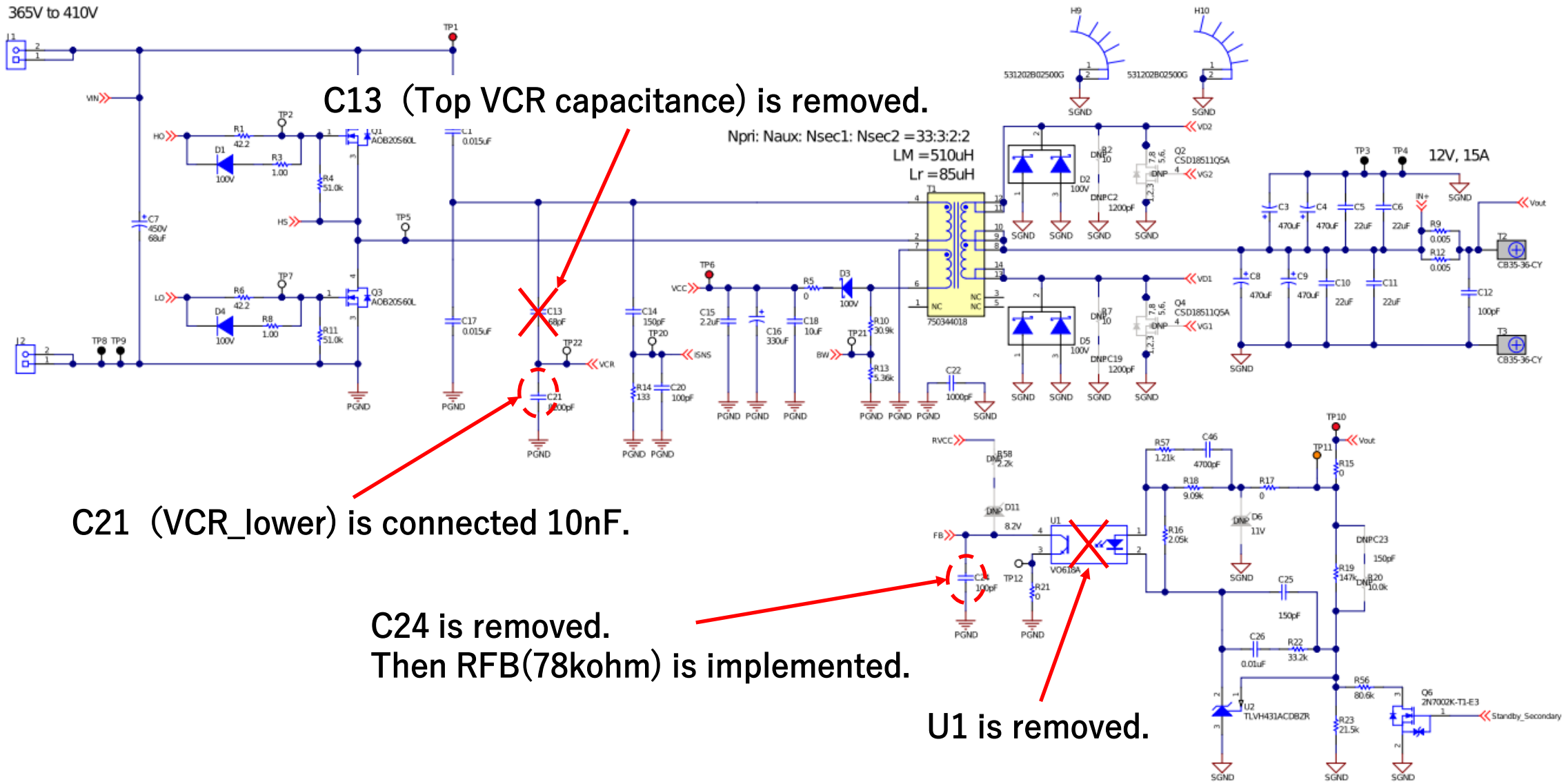


Figure 3. UCC25640EVM-020 Power Stage Schematic