



Exhibit 4: Schematics

**External Radio Frequency
Power Amplifier ACOM 600S**

Model 600S

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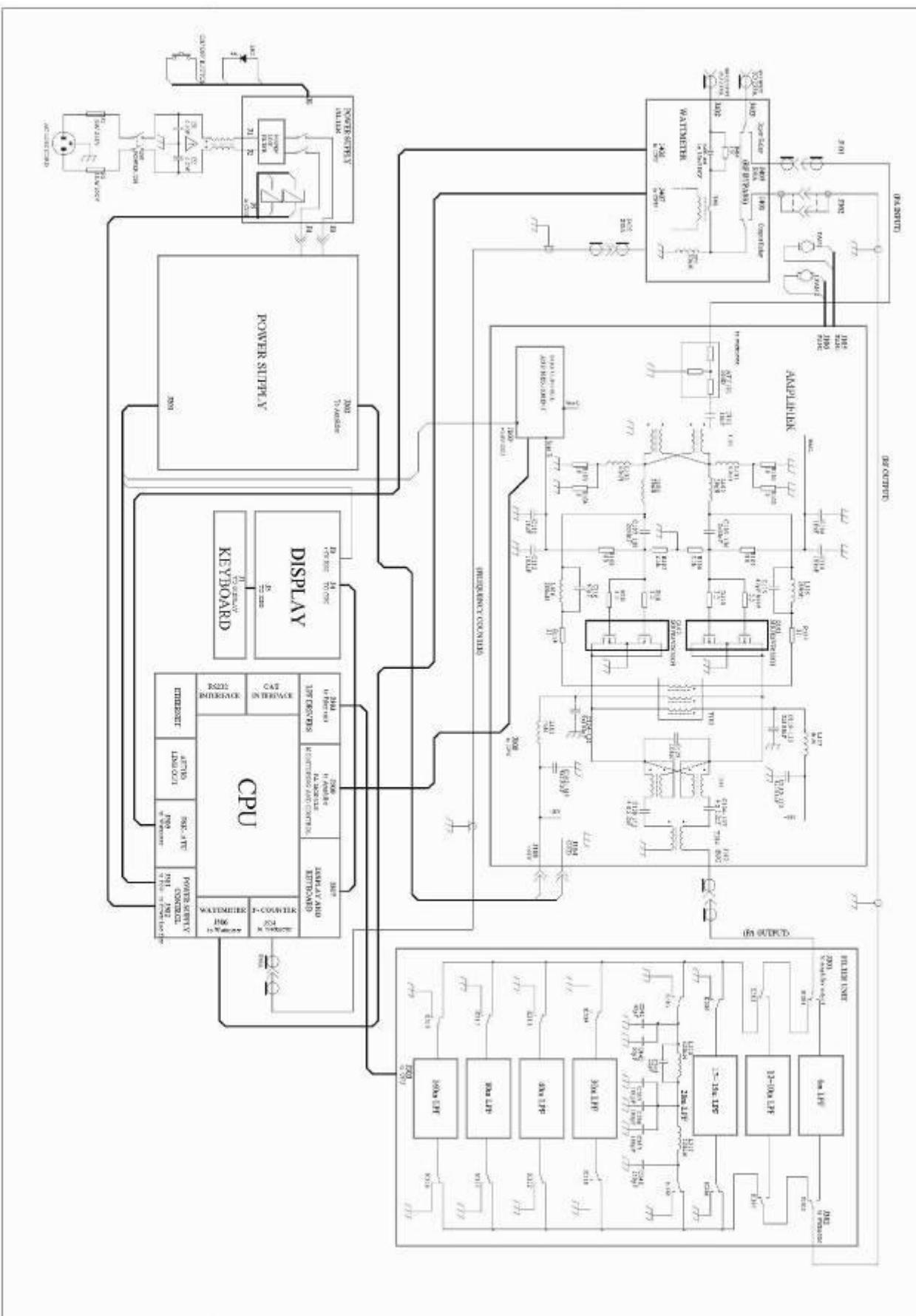


Fig.1 Block diagram ACOM 600S

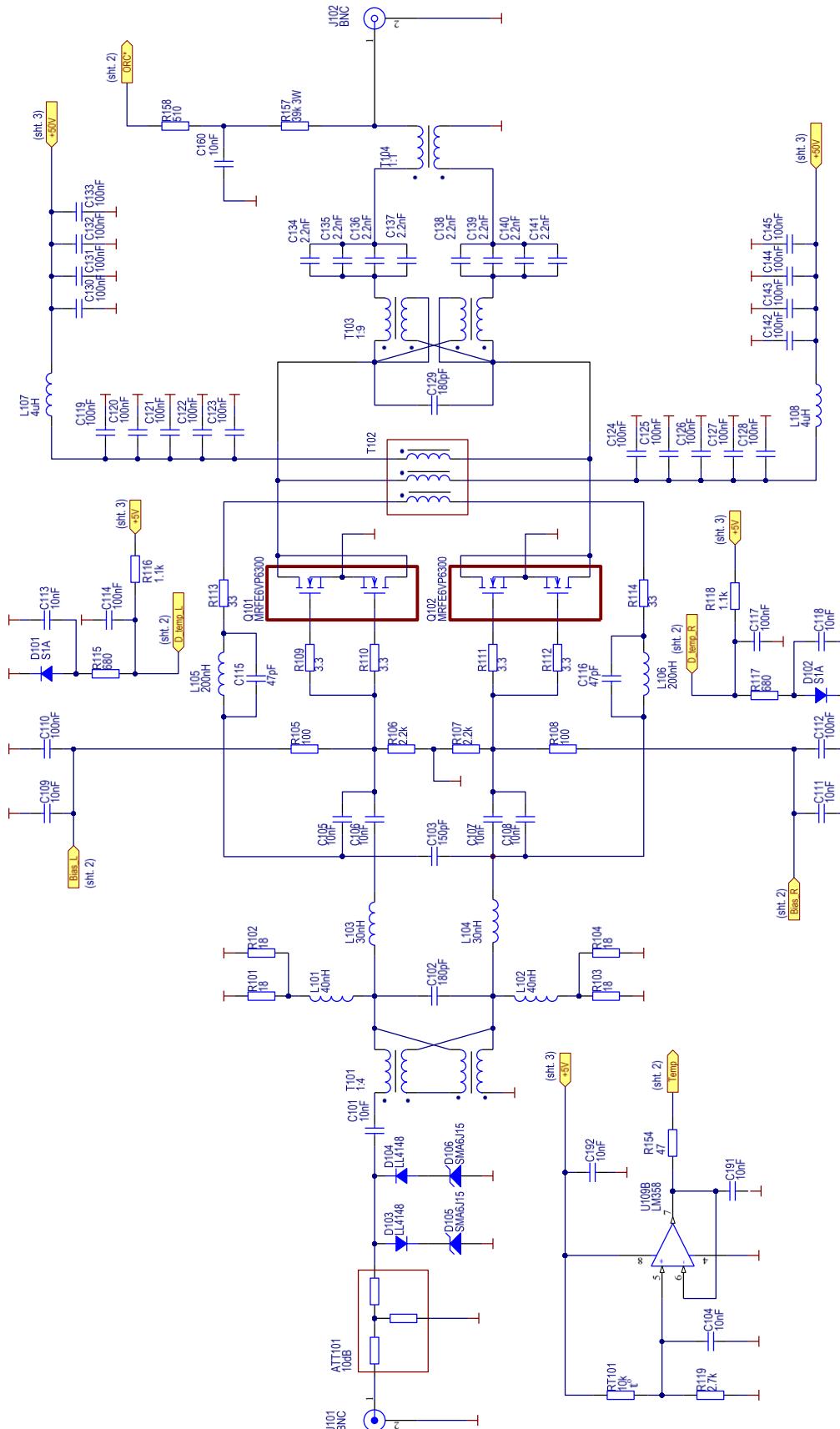


Fig. 2 Module amplifier

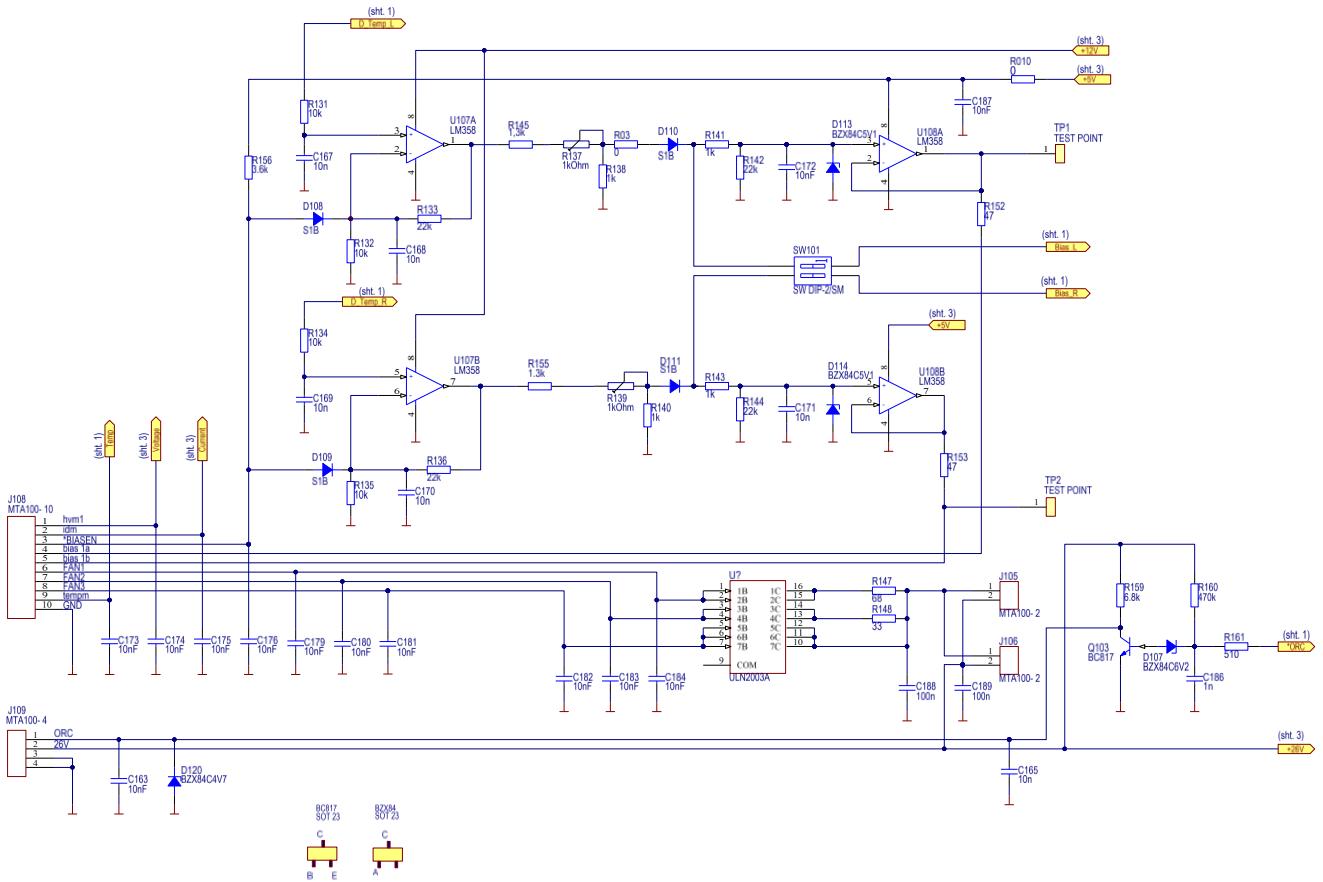


Fig. 3 Amplifier bias circuit

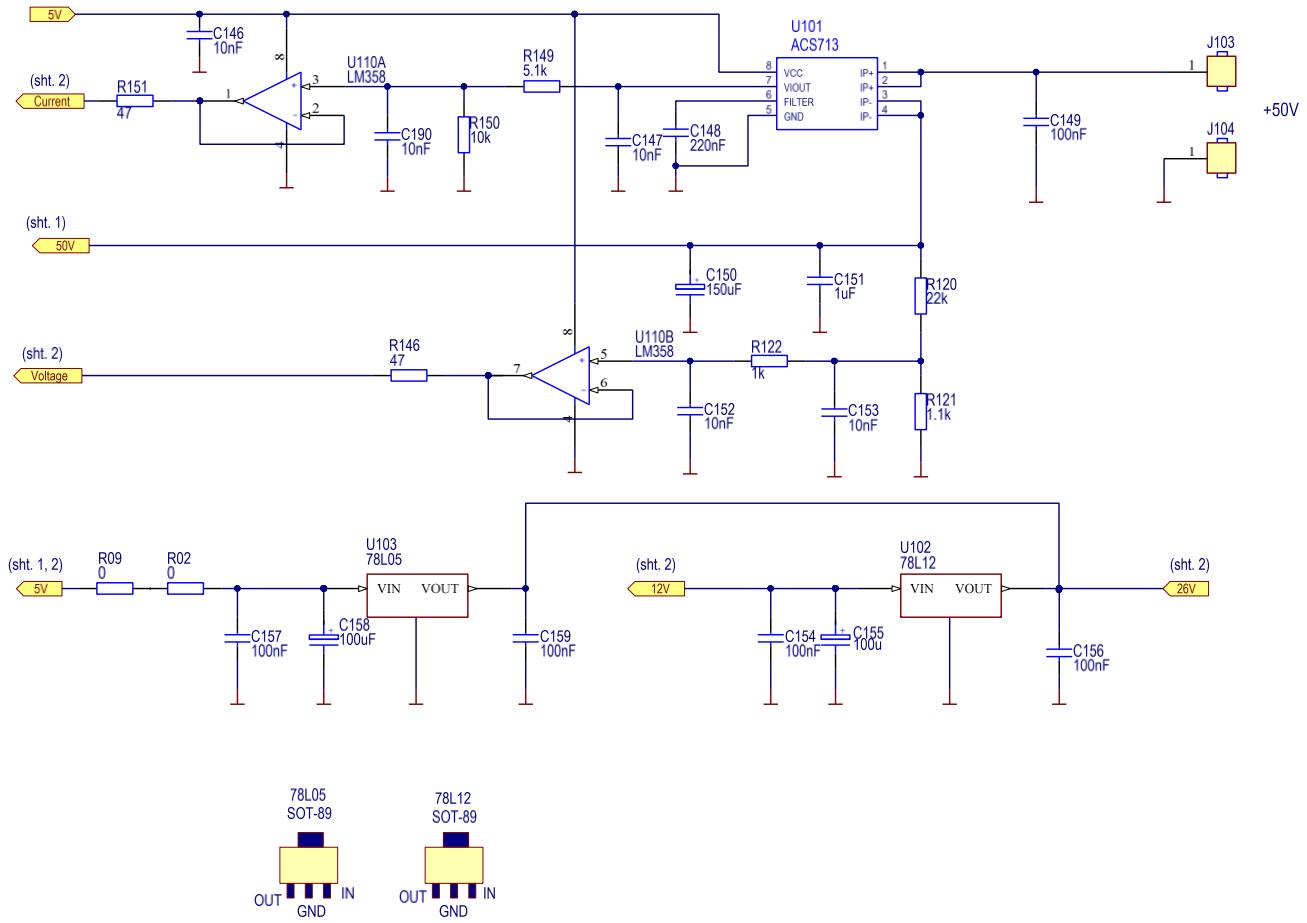


Fig.4 Amplifier power supply and voltage /current measurement

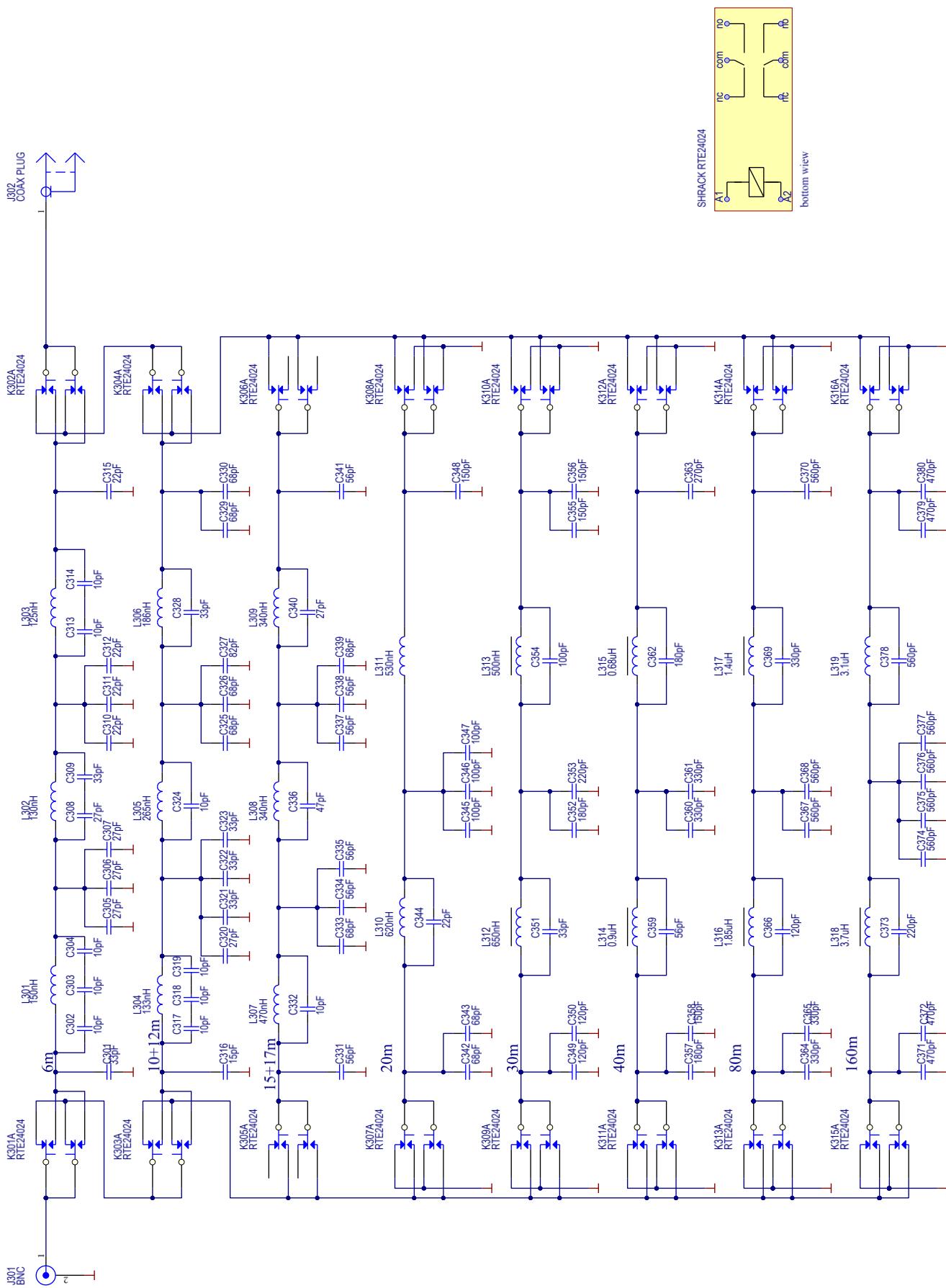


Fig. 5 Low pass filters unit

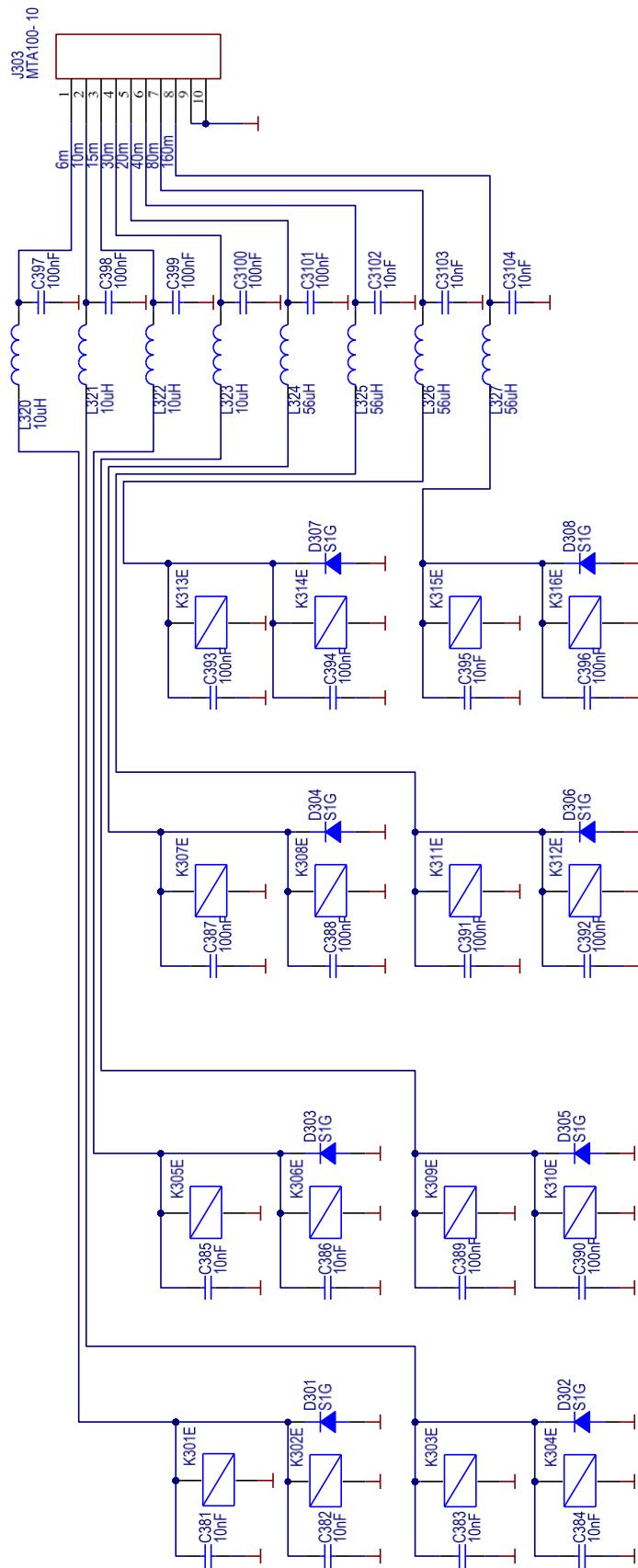


Fig. 6 Low pass filters unit- relay coils

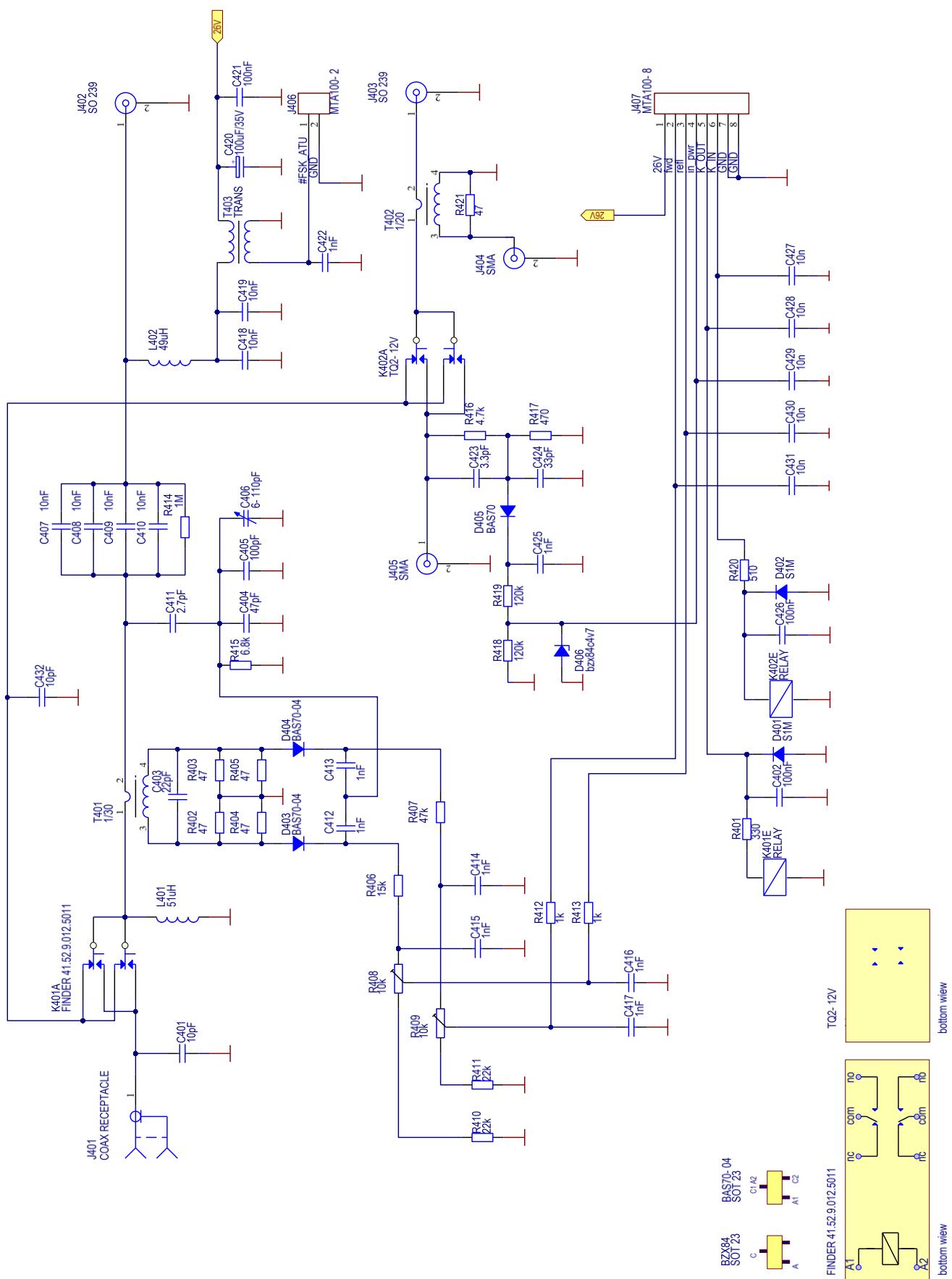


Fig. 7 Wattmeter

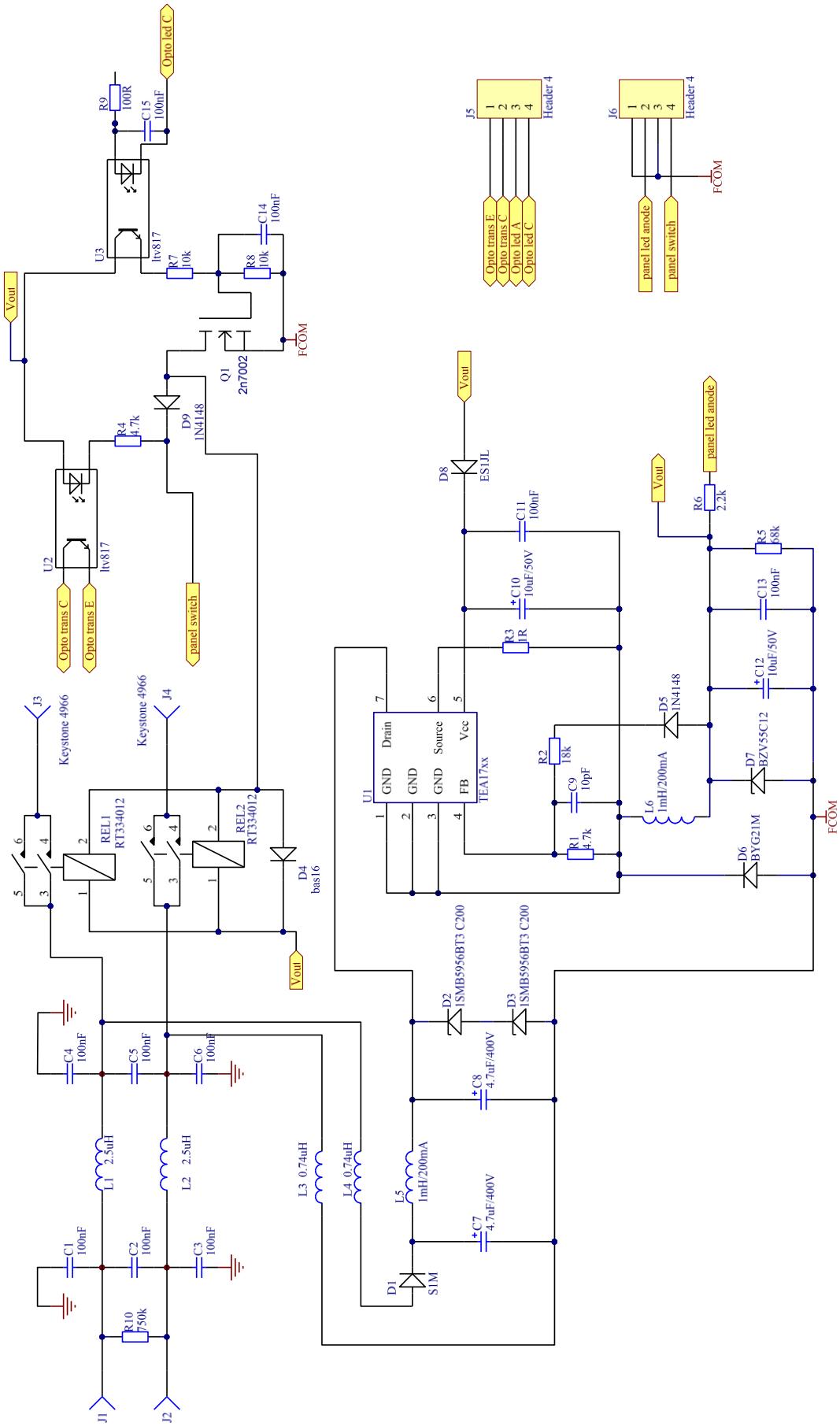


Fig.8 Line filter

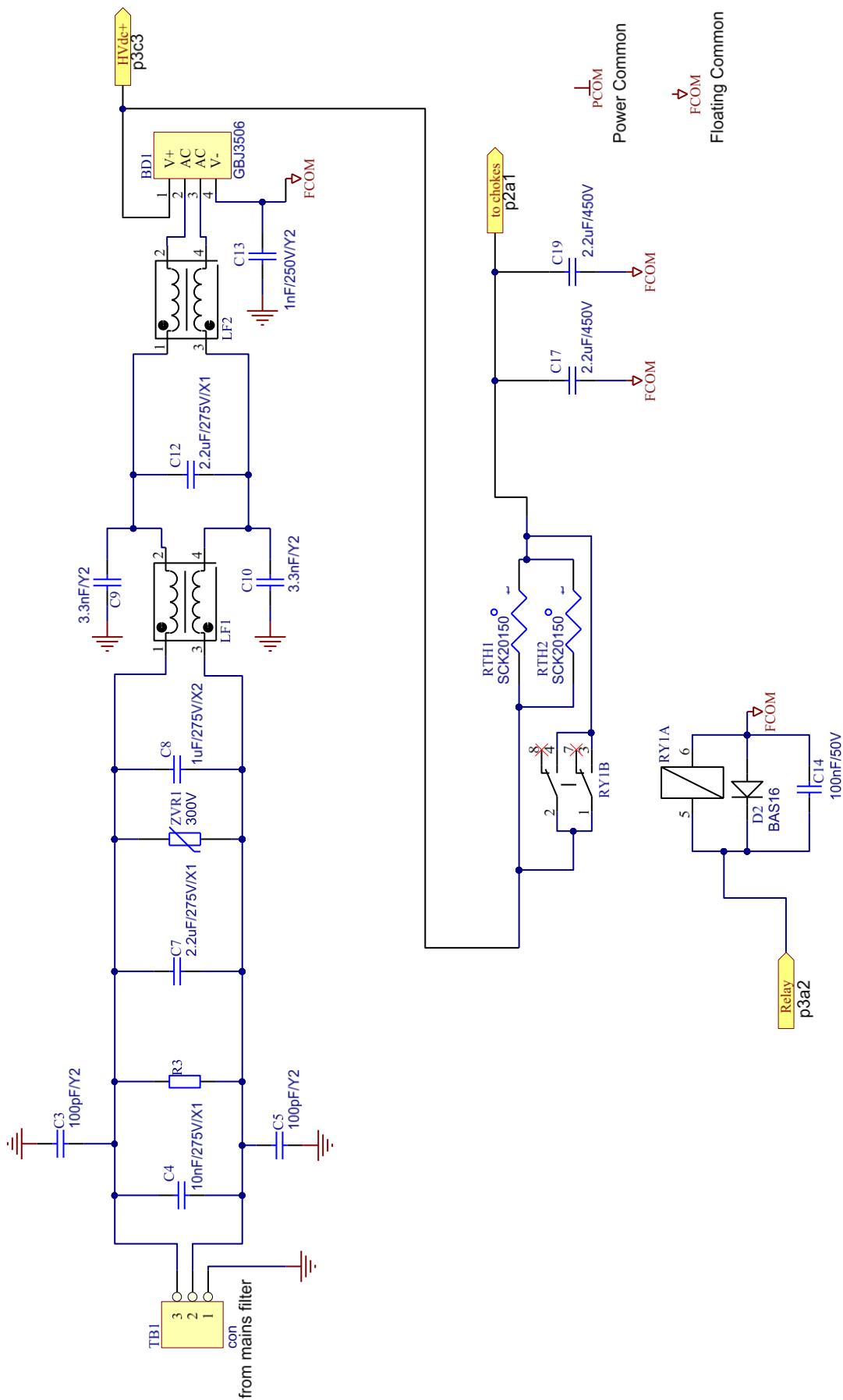


Fig. 9 PFC power part A

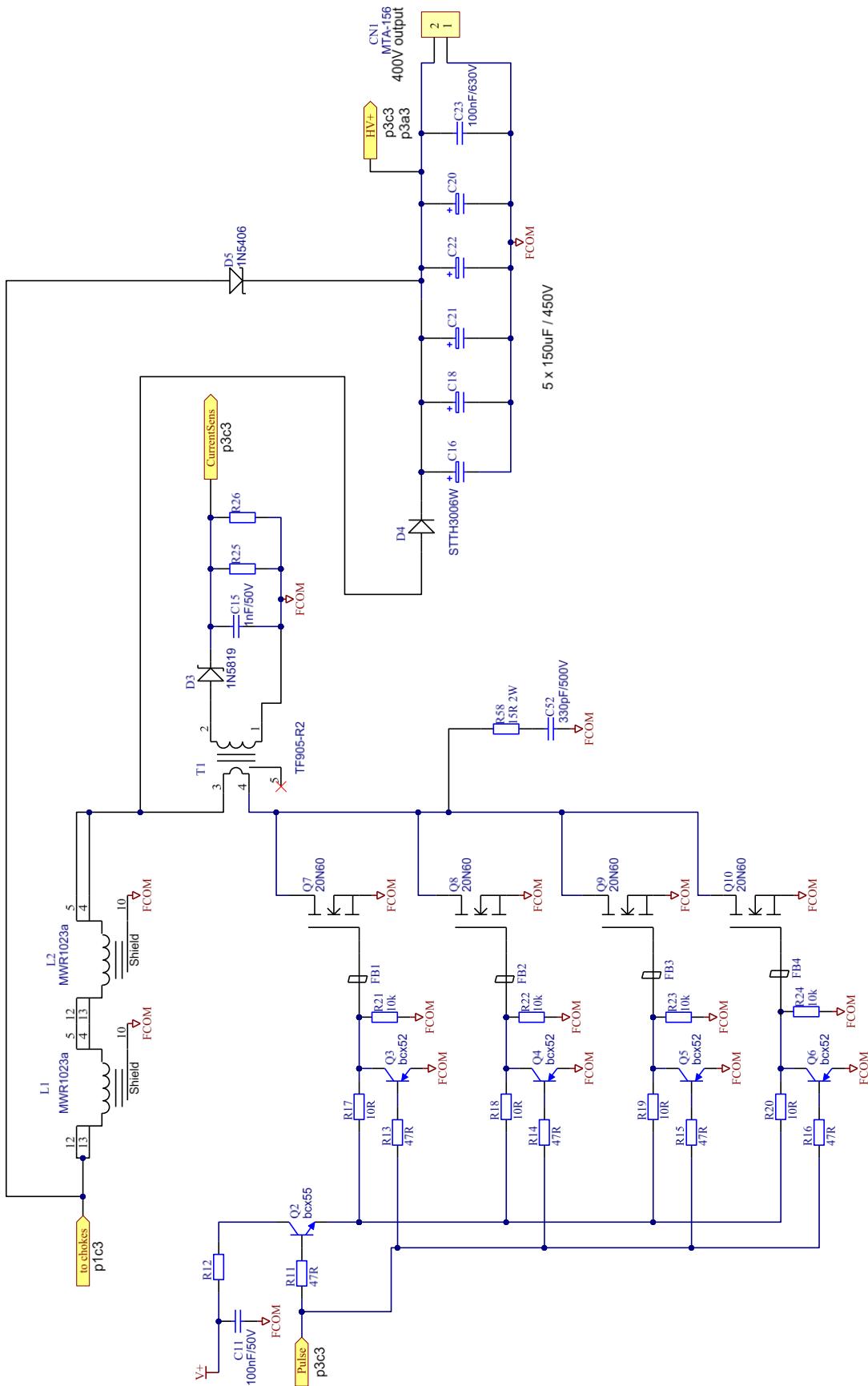


Fig.10 PFC power part B

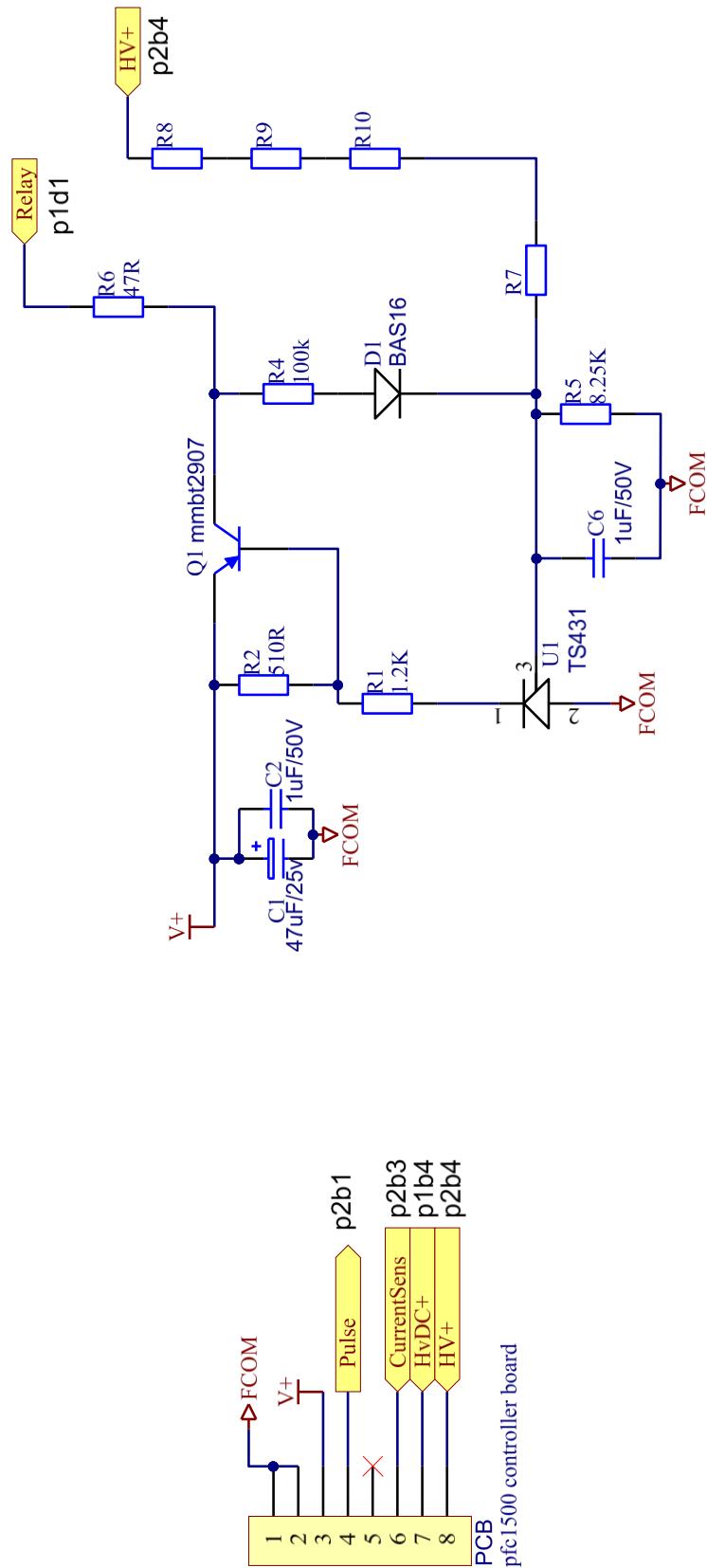


Fig 11 PFC power part C

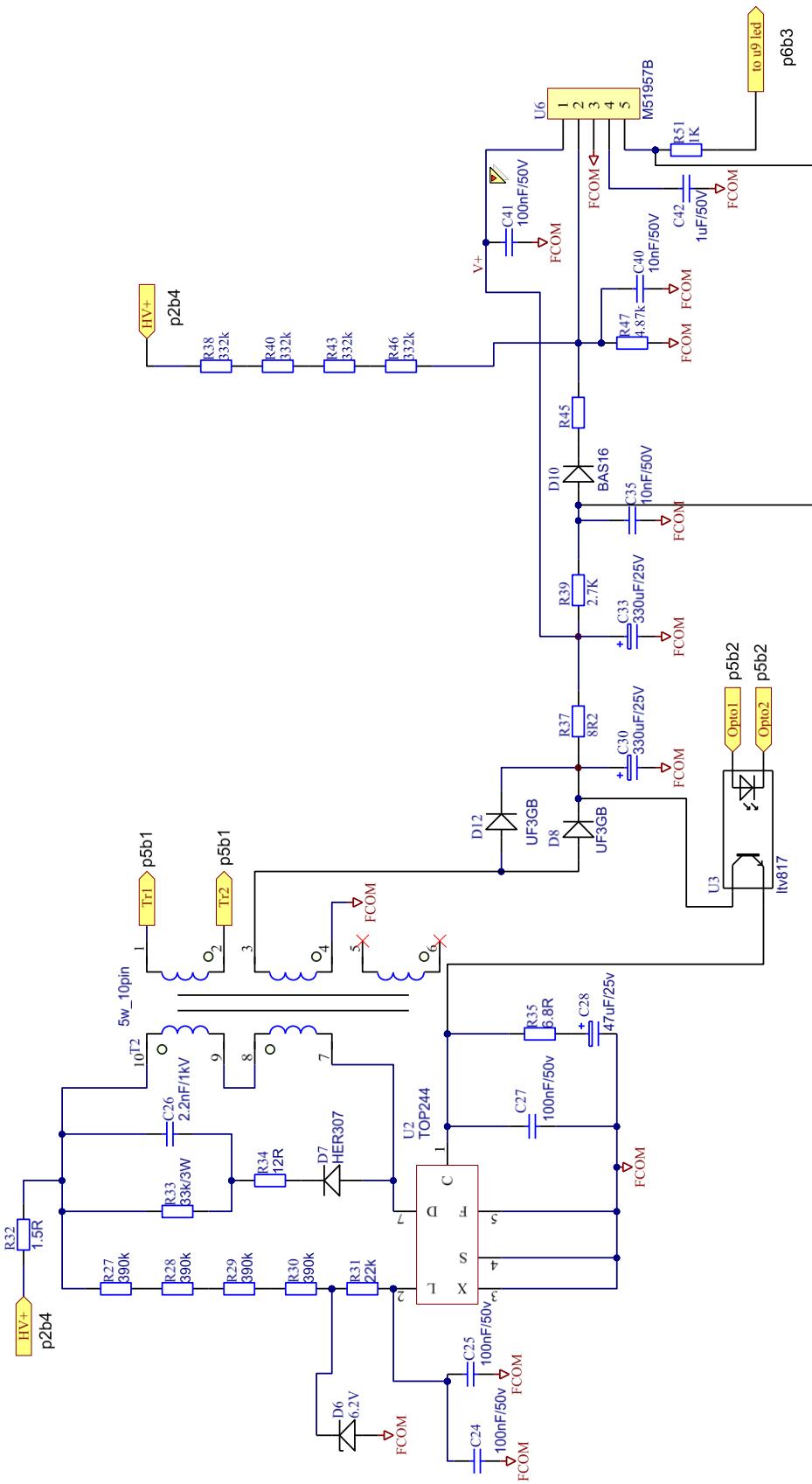


Fig.12 PFC power part D

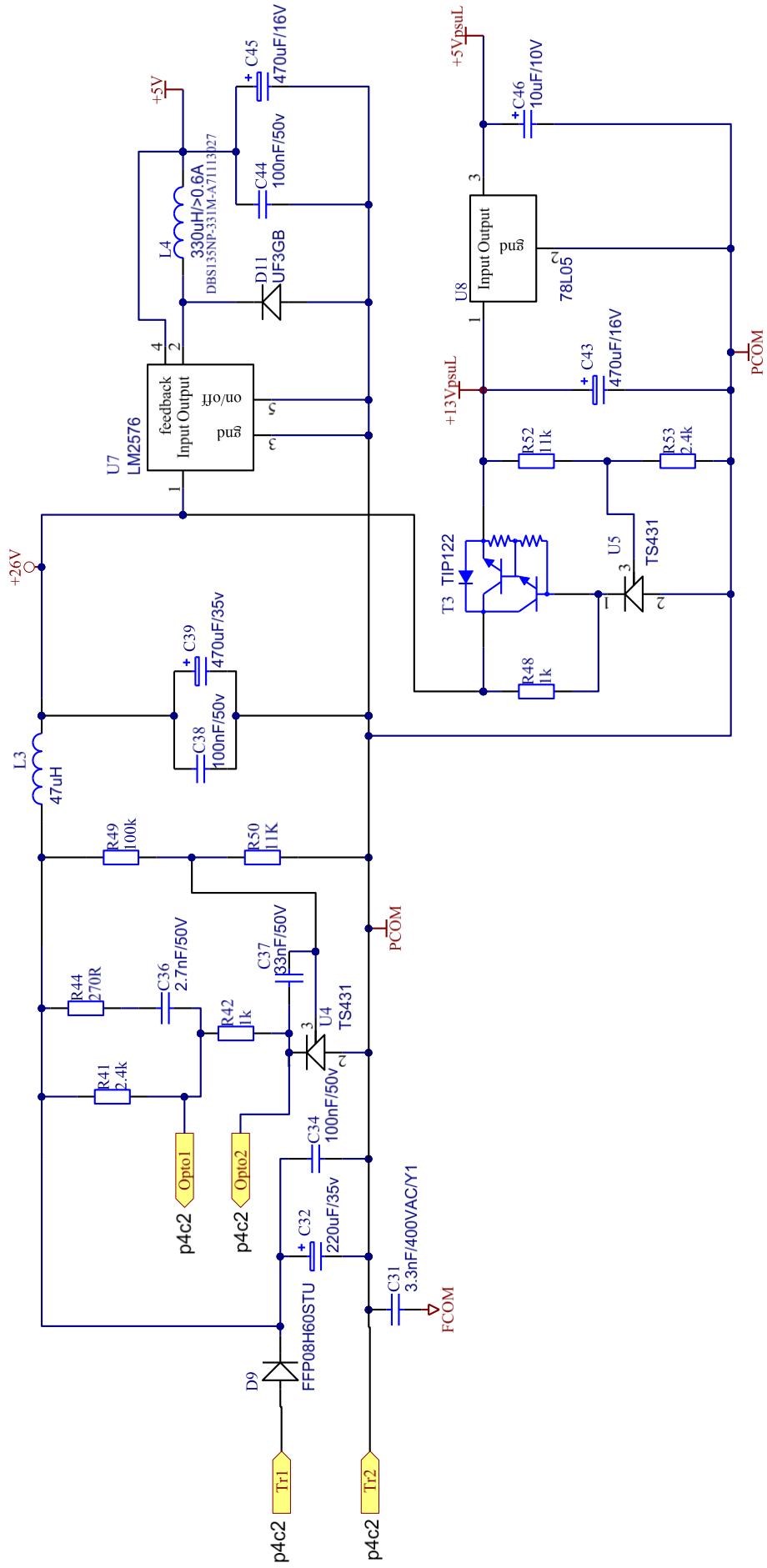


Fig.13 PFC power part E

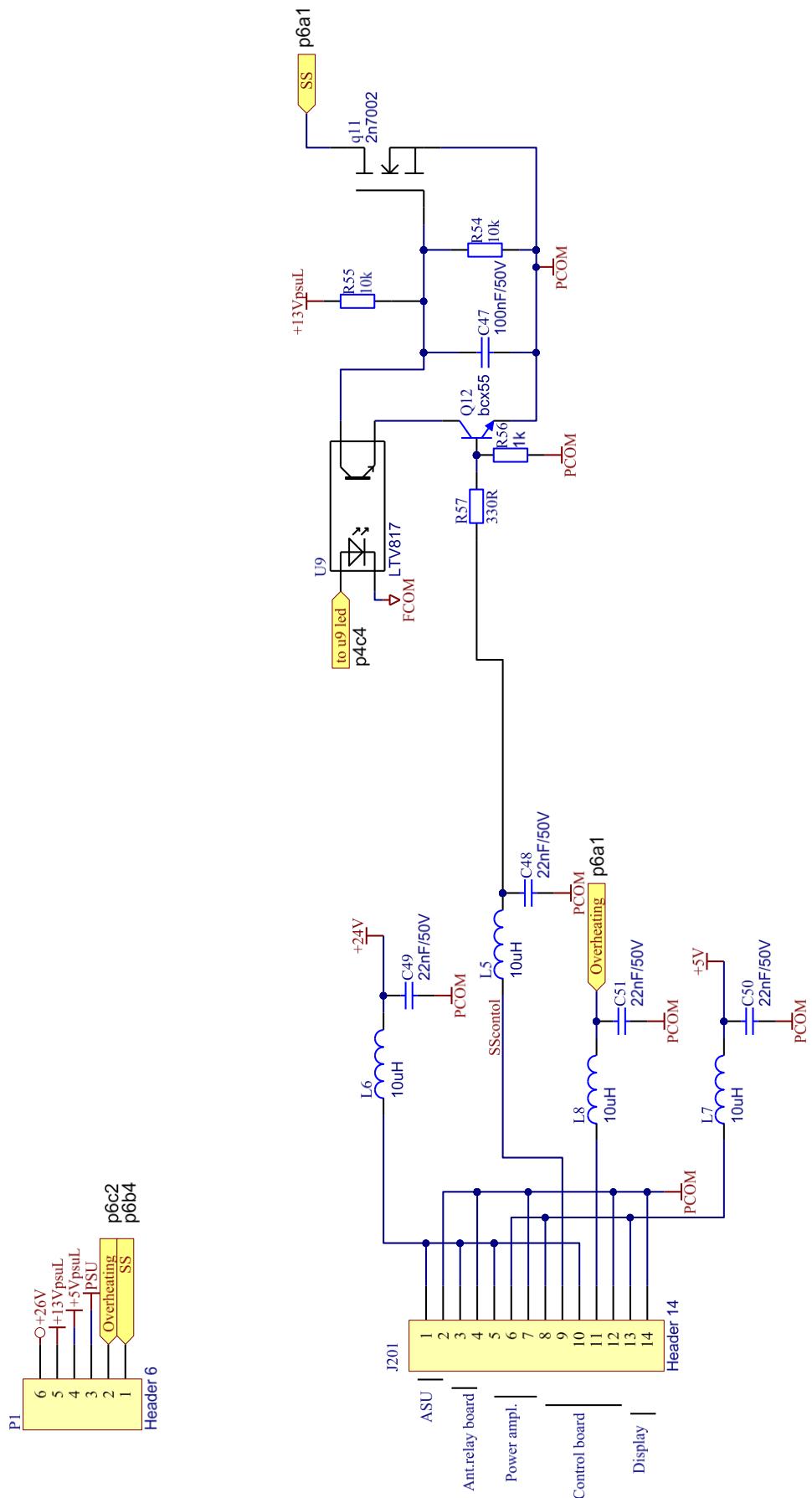


Fig.14 PFC power part F

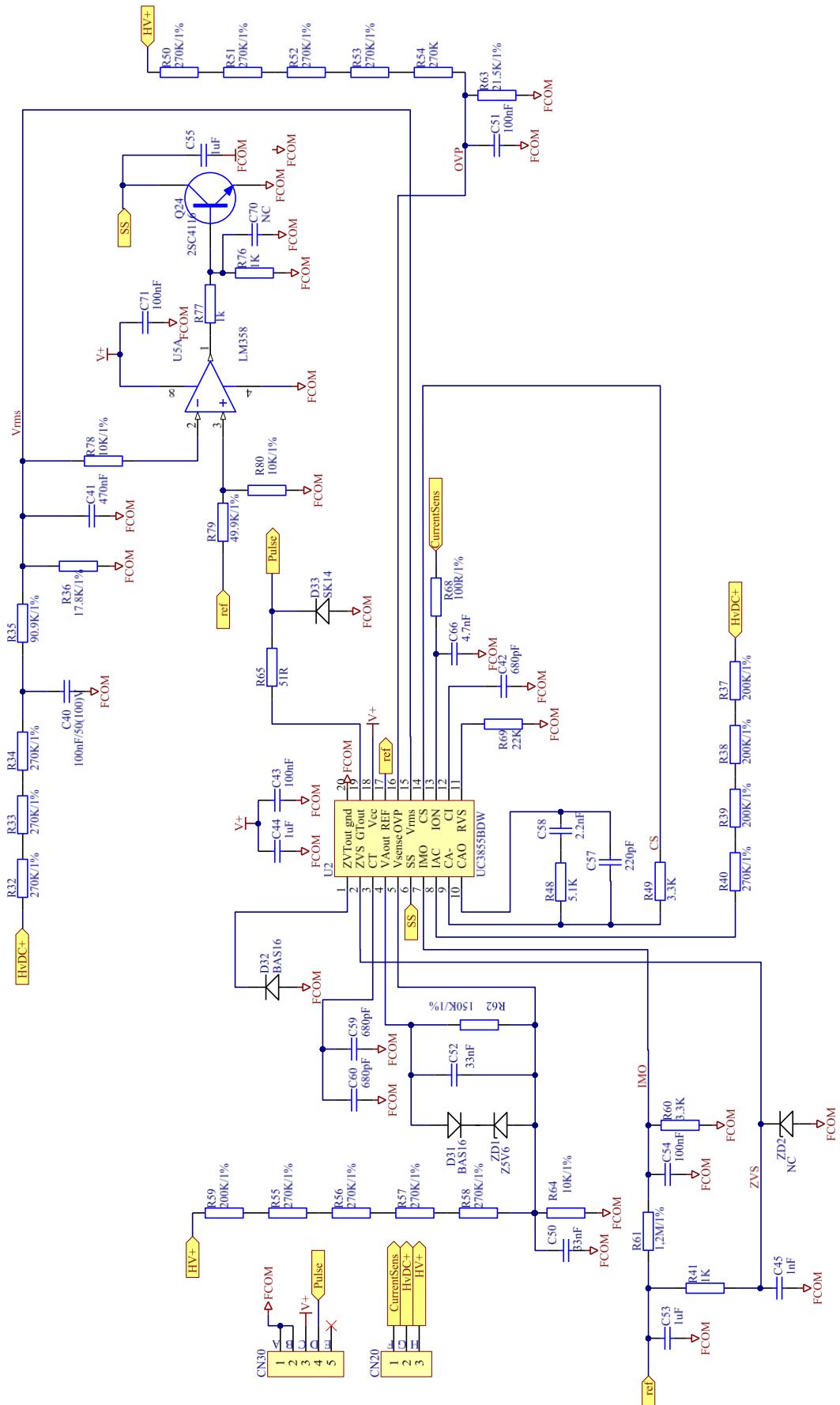


Fig. 15 PFC controller

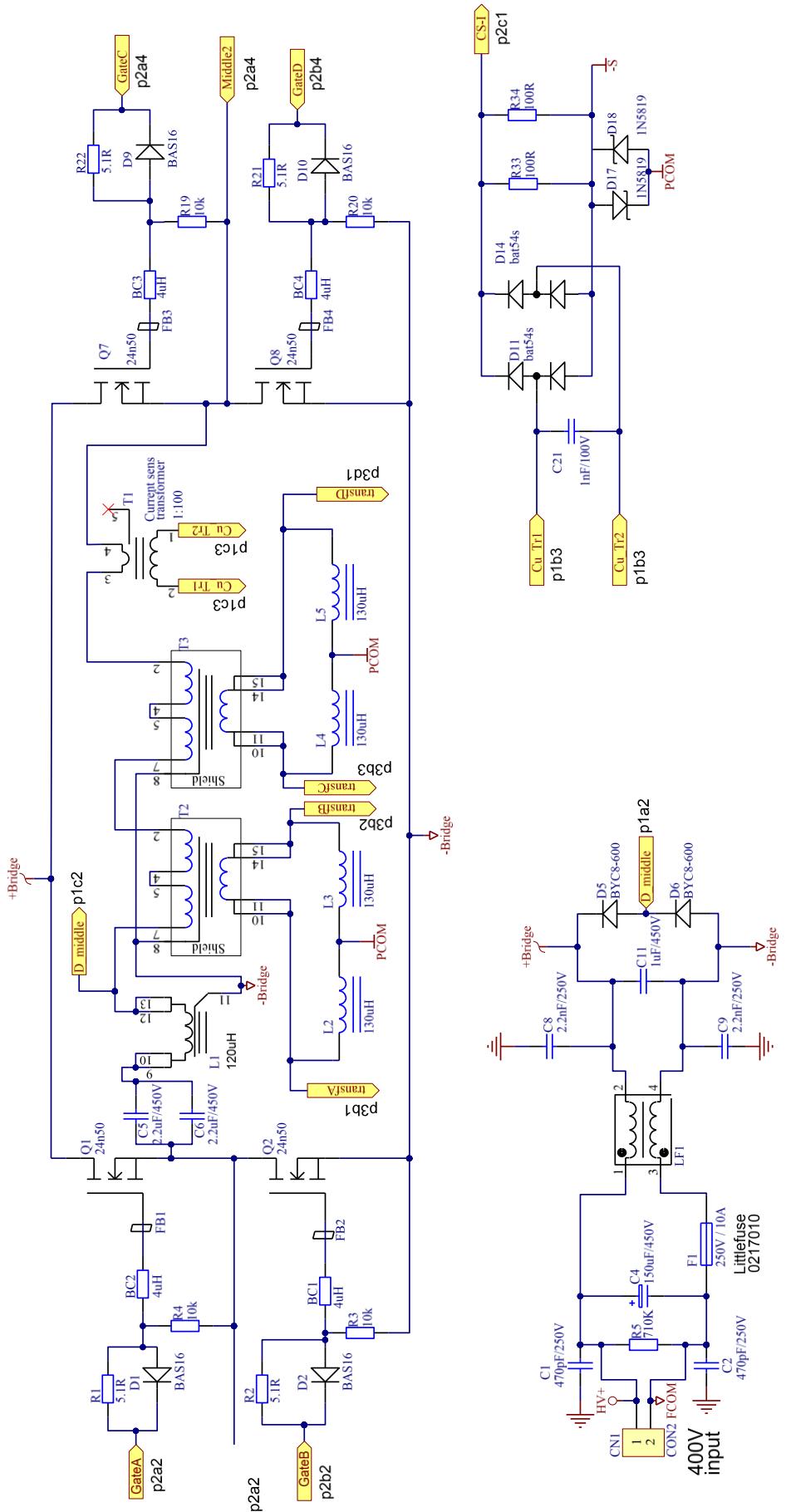


Fig. 16 DC1500 power part A

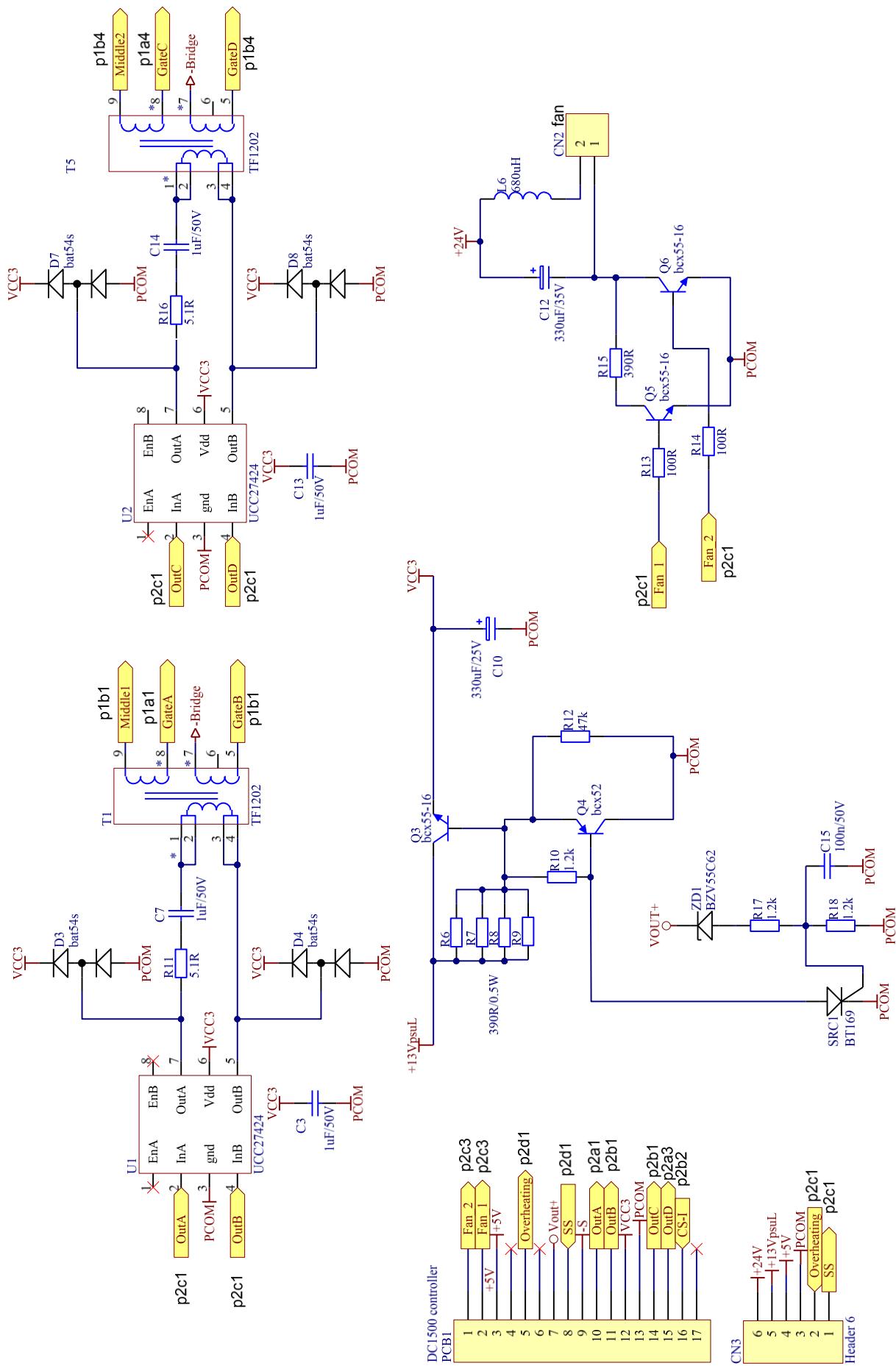


Fig. 17 DC1500 power part B

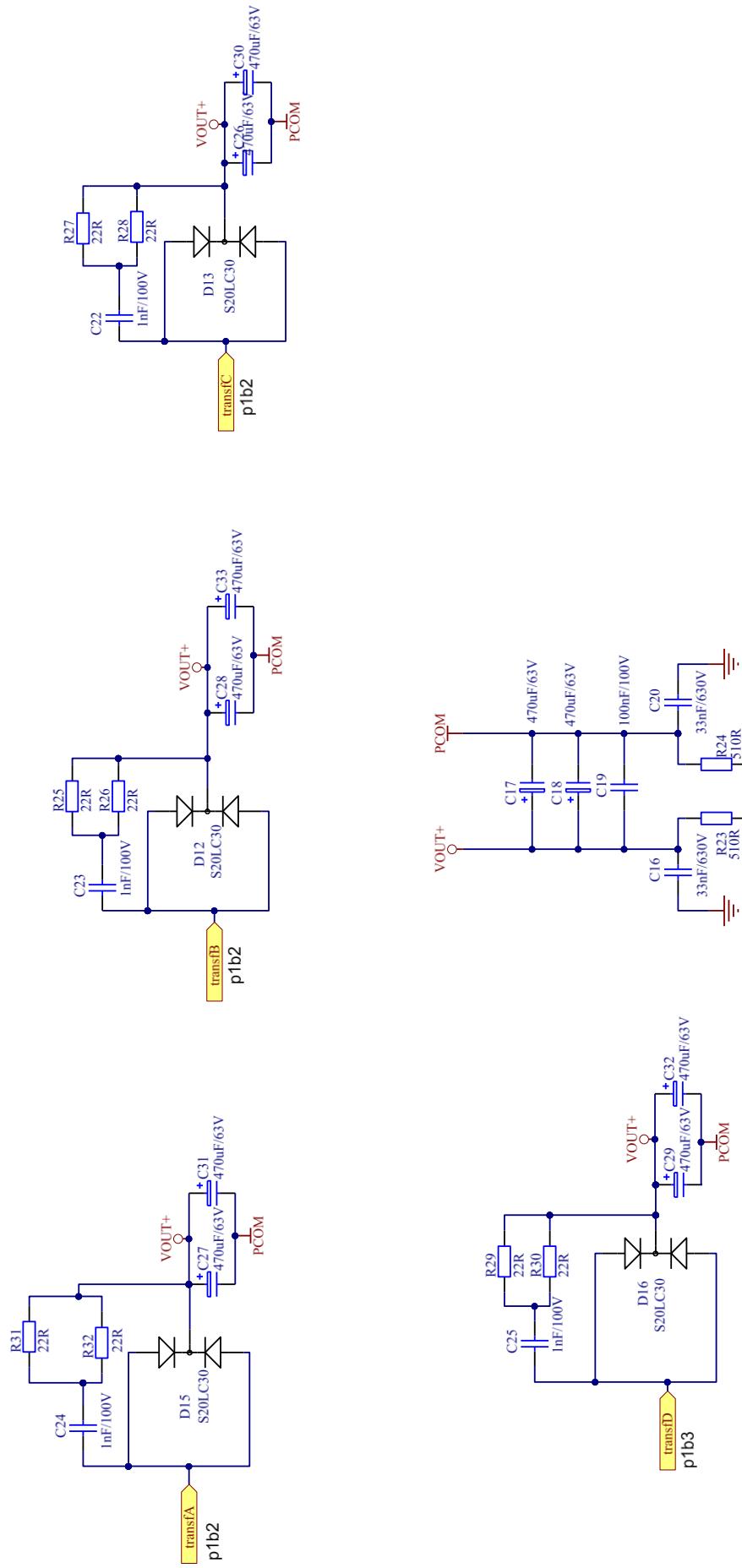


Fig. 18 DC1500 power part C

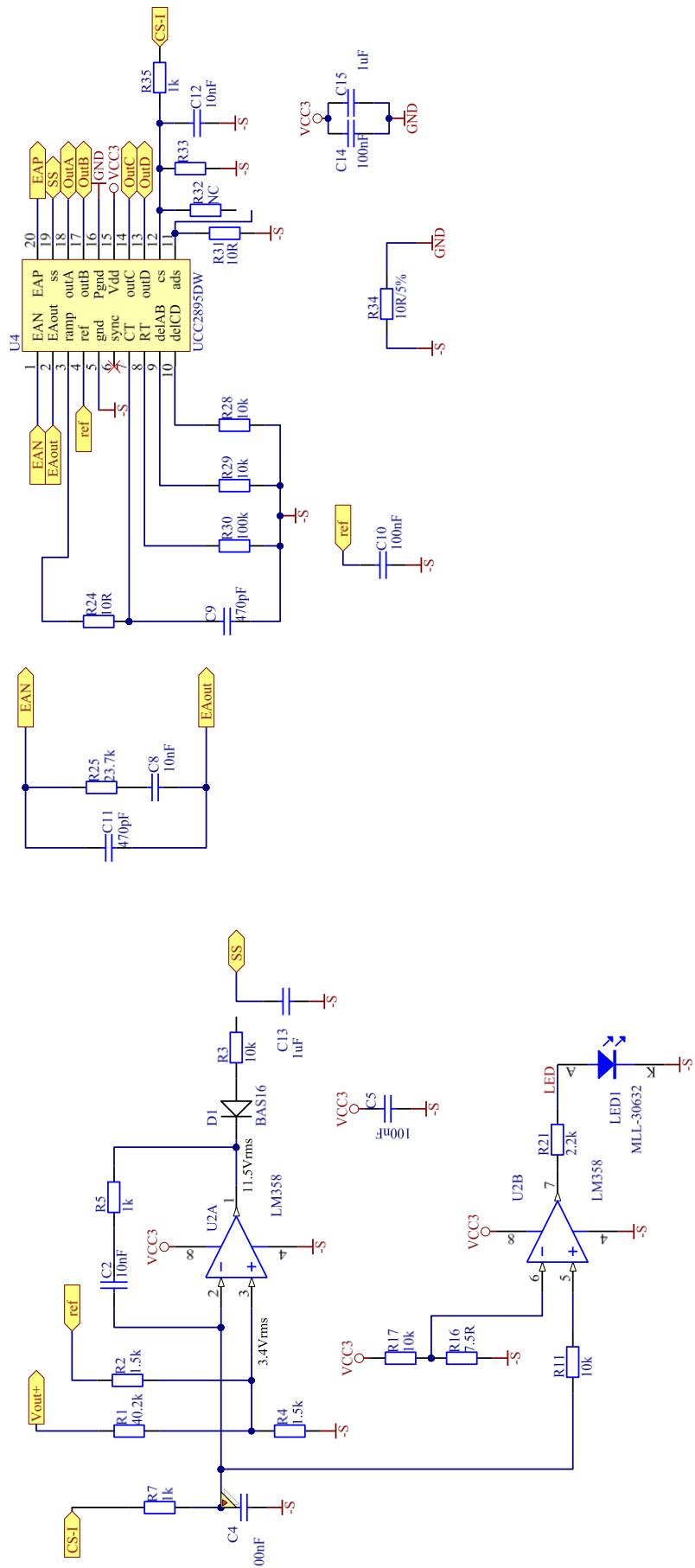


Fig.19 DC1500 controller A

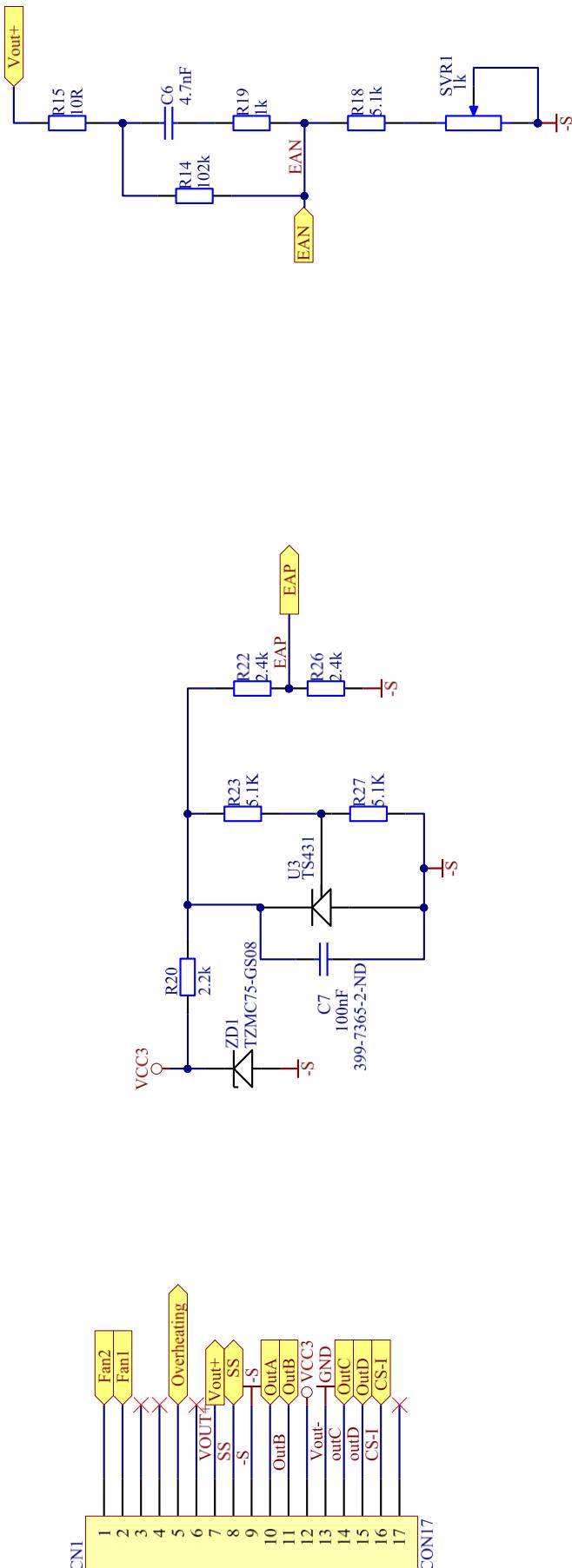


Fig.20 DC1500 controller B

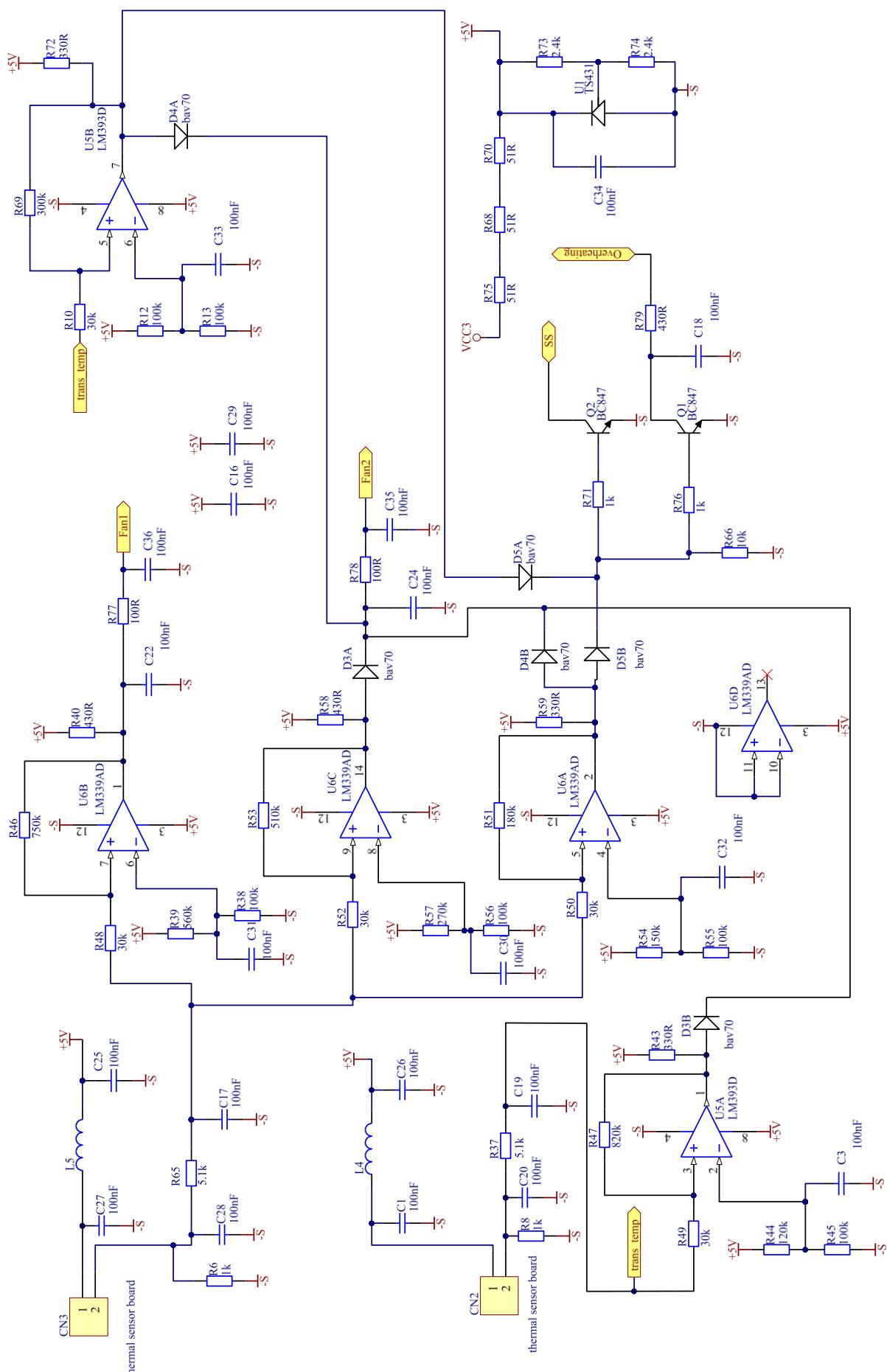


Fig.21 DC1500 controller C

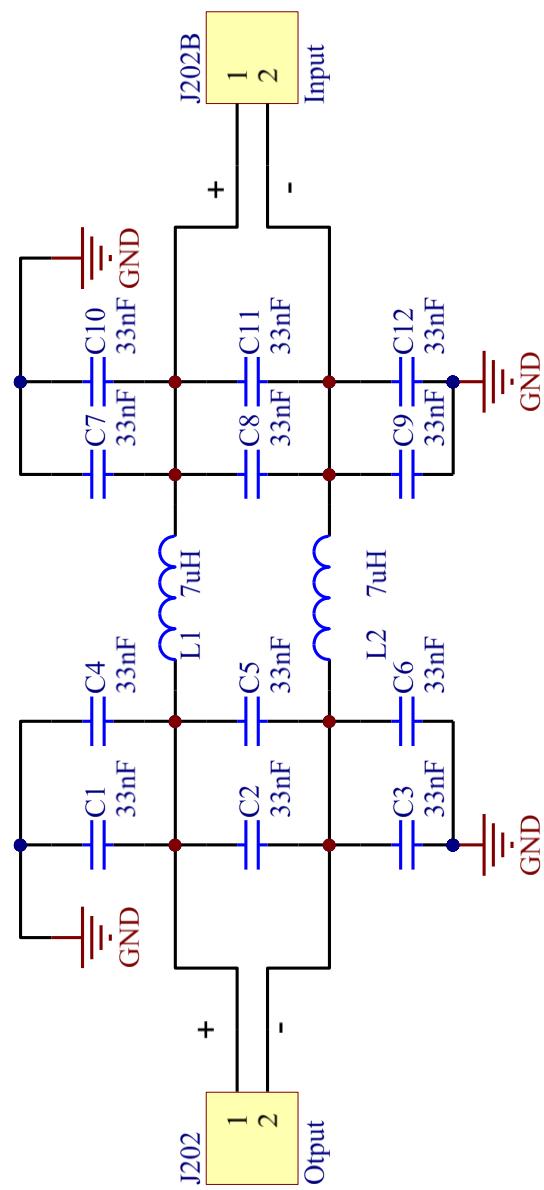


Fig.22 50V output filter

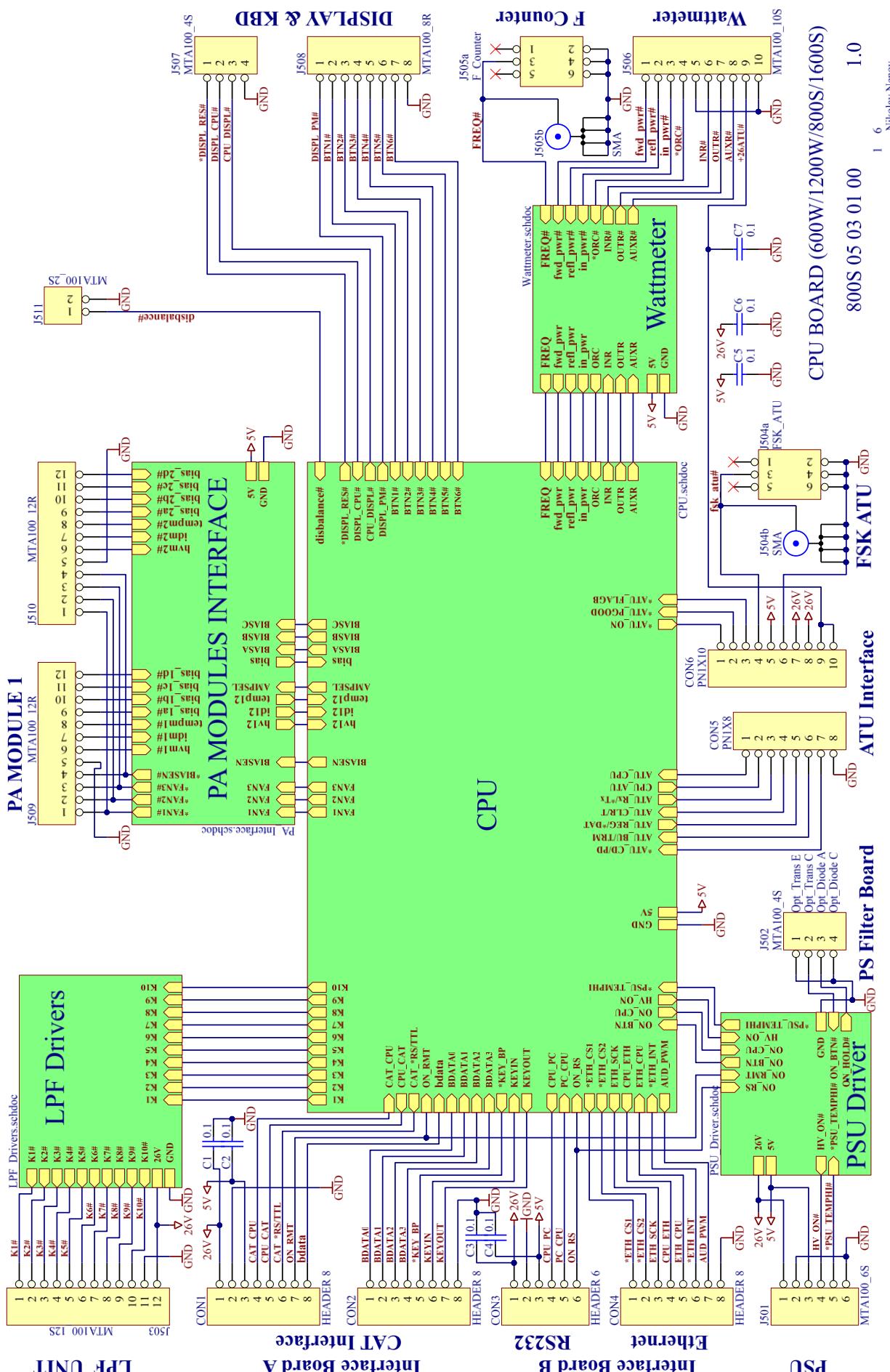


Fig.23 CPU BOARD - Block Diagram

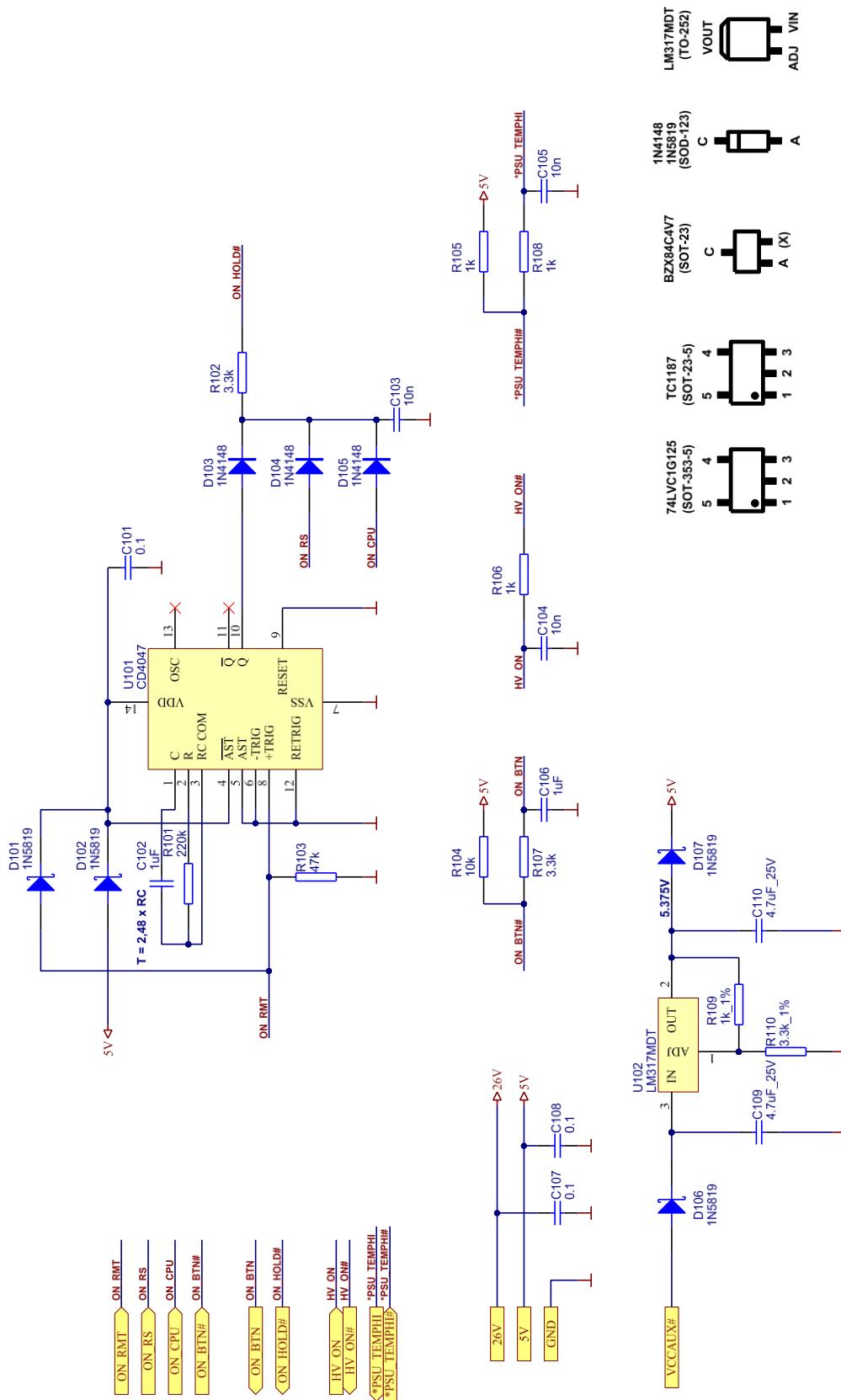


Fig.24 CPU BOARD - PSU Driver

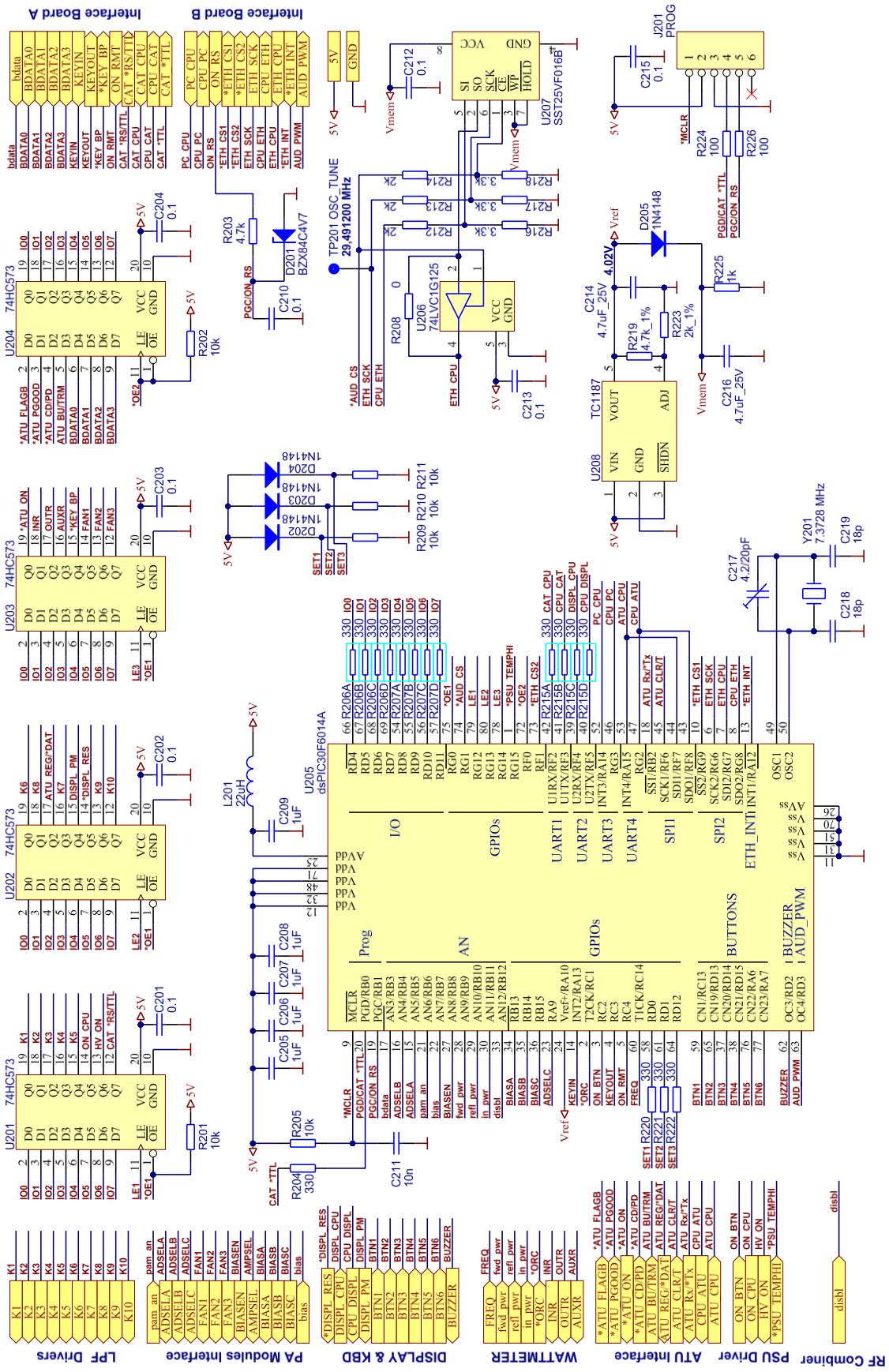


Fig.25 CPU BOARD - CPU

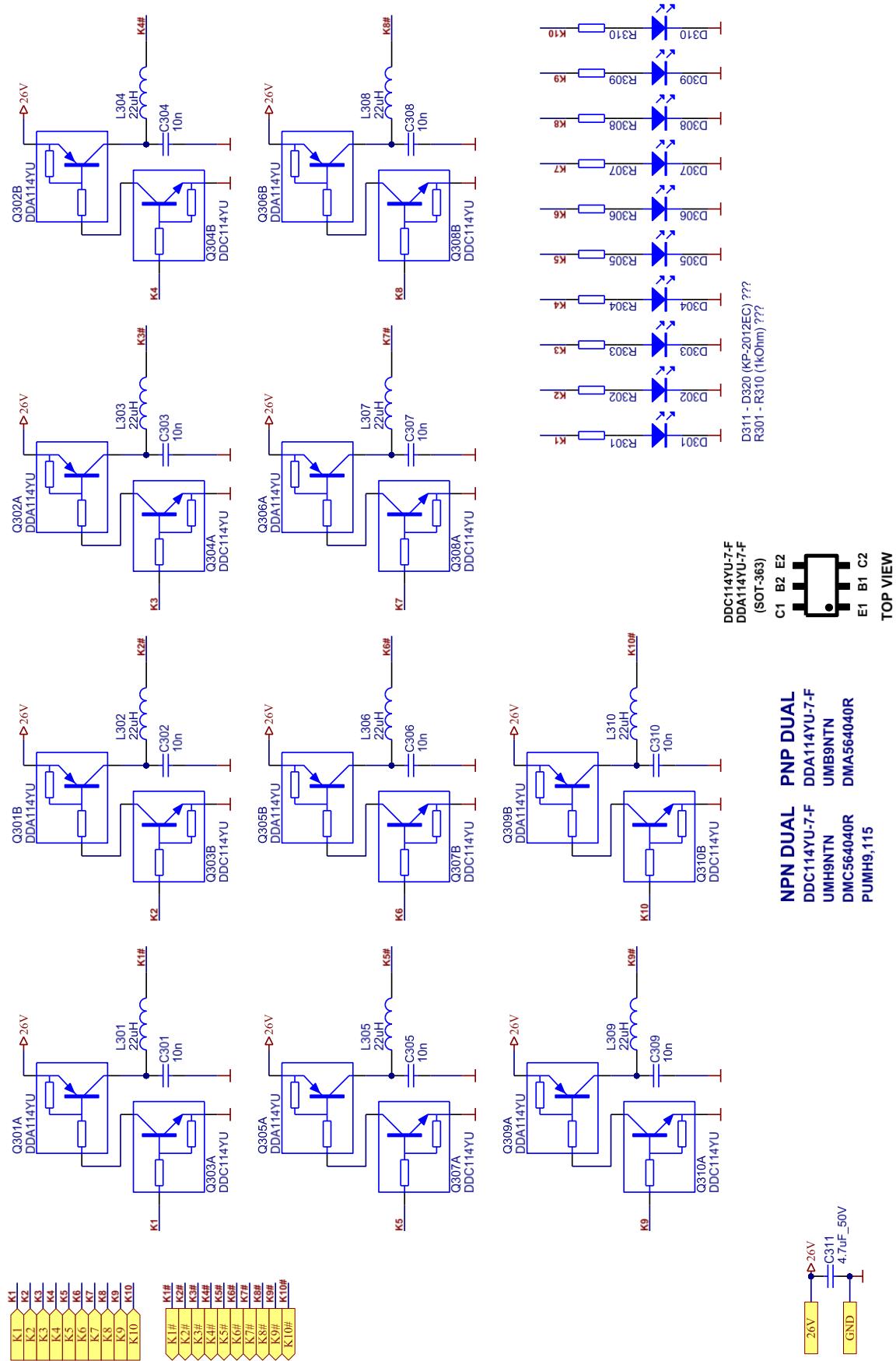


Fig.26 CPU BOARD - LPF Drivers

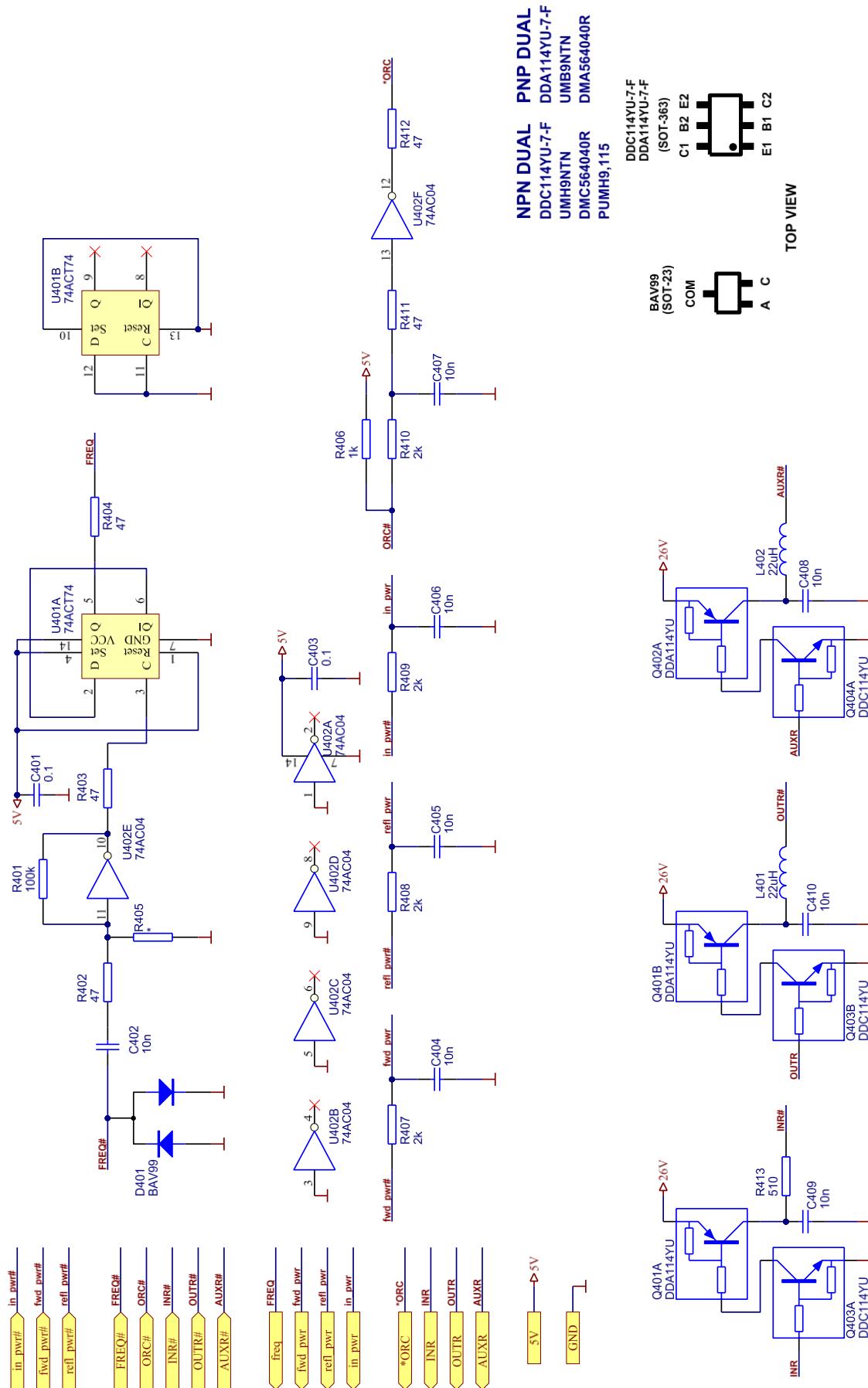


Fig.27 CPU BOARD – Wattmeter/Frequency counter input / I/O relay control

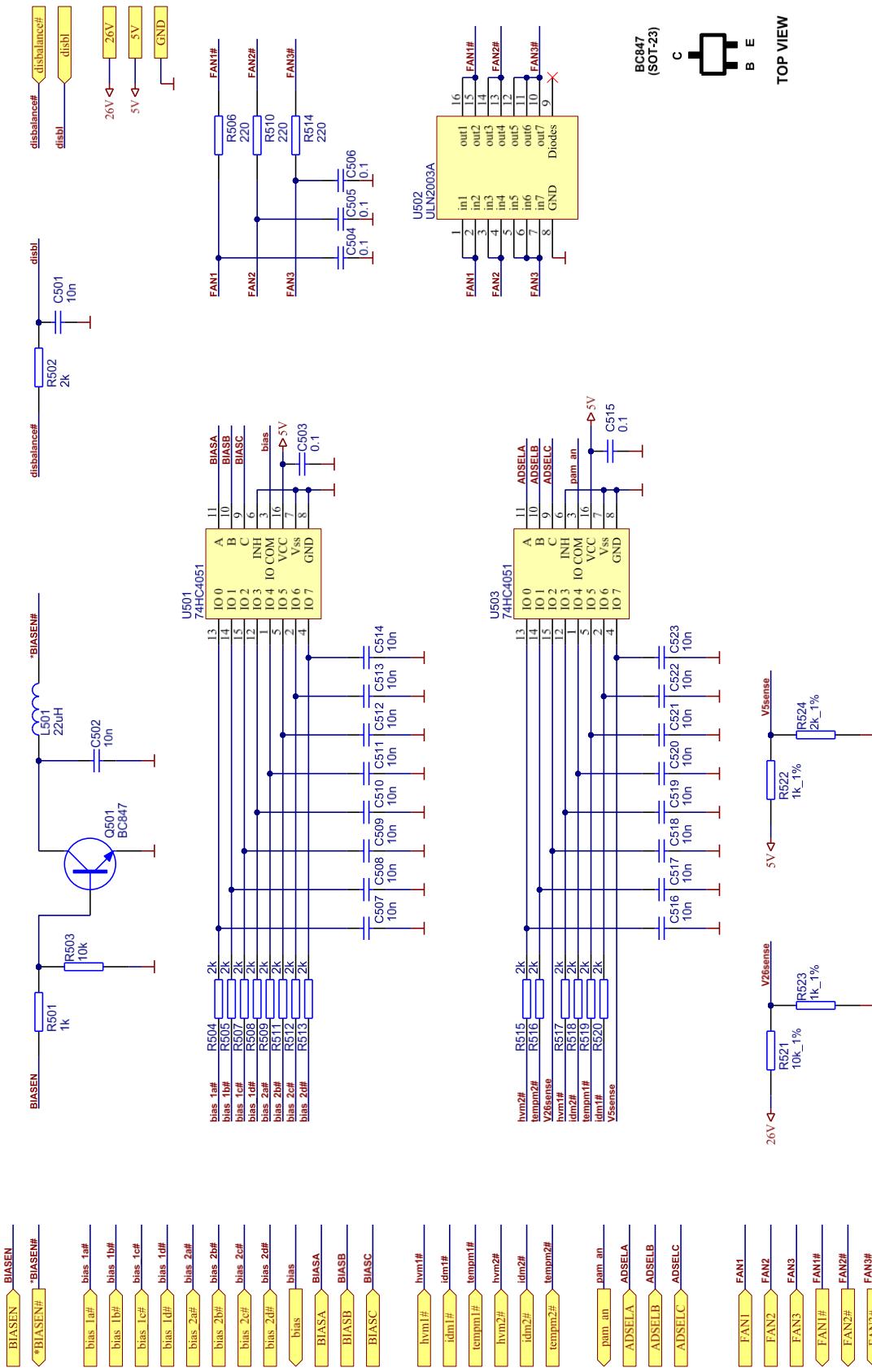


Fig.28 CPU BOARD - PA Interface

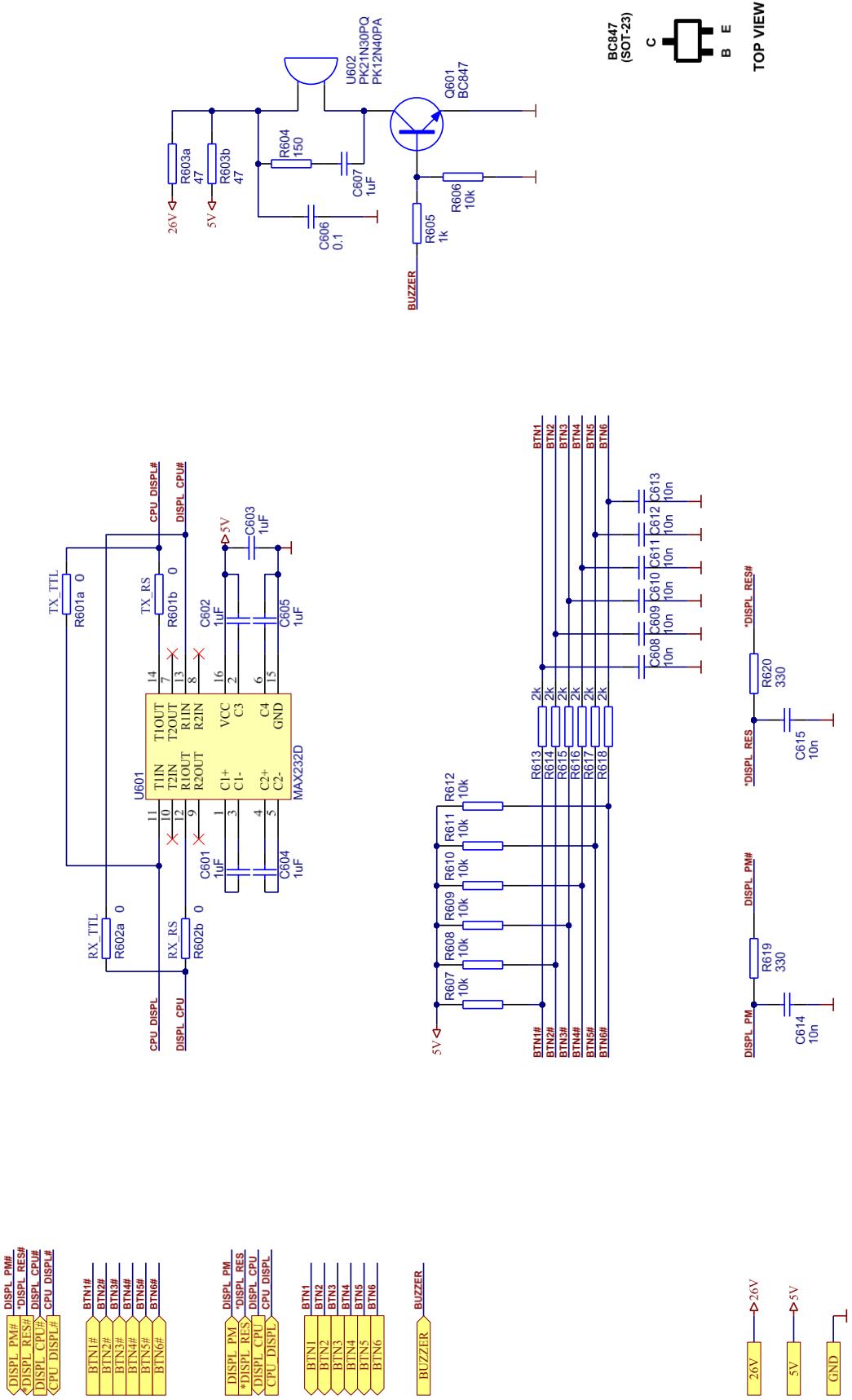


Fig29. CPU BOARD - Display & Keyboard

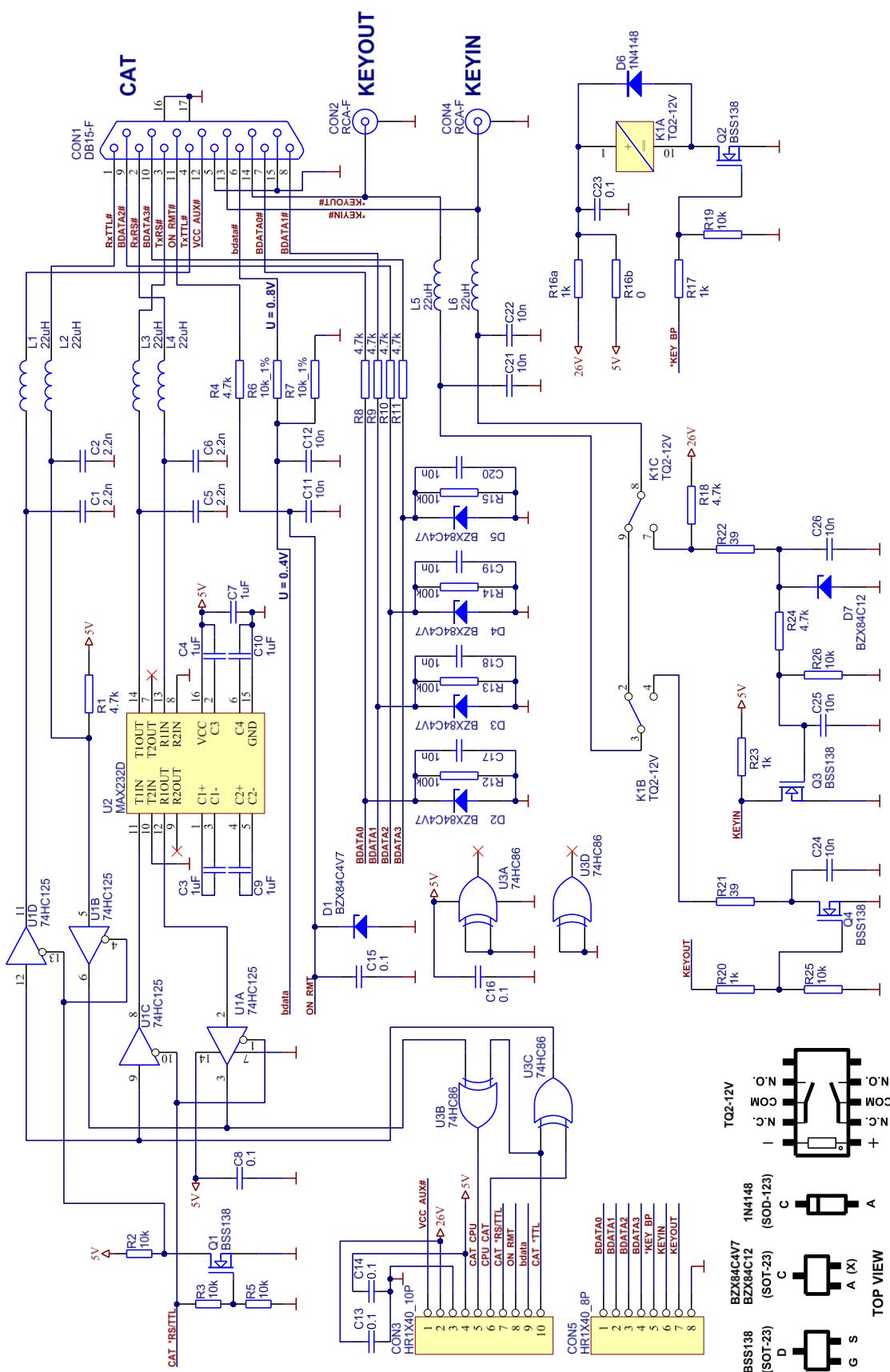


Fig.30 INTERFACE BOARD A

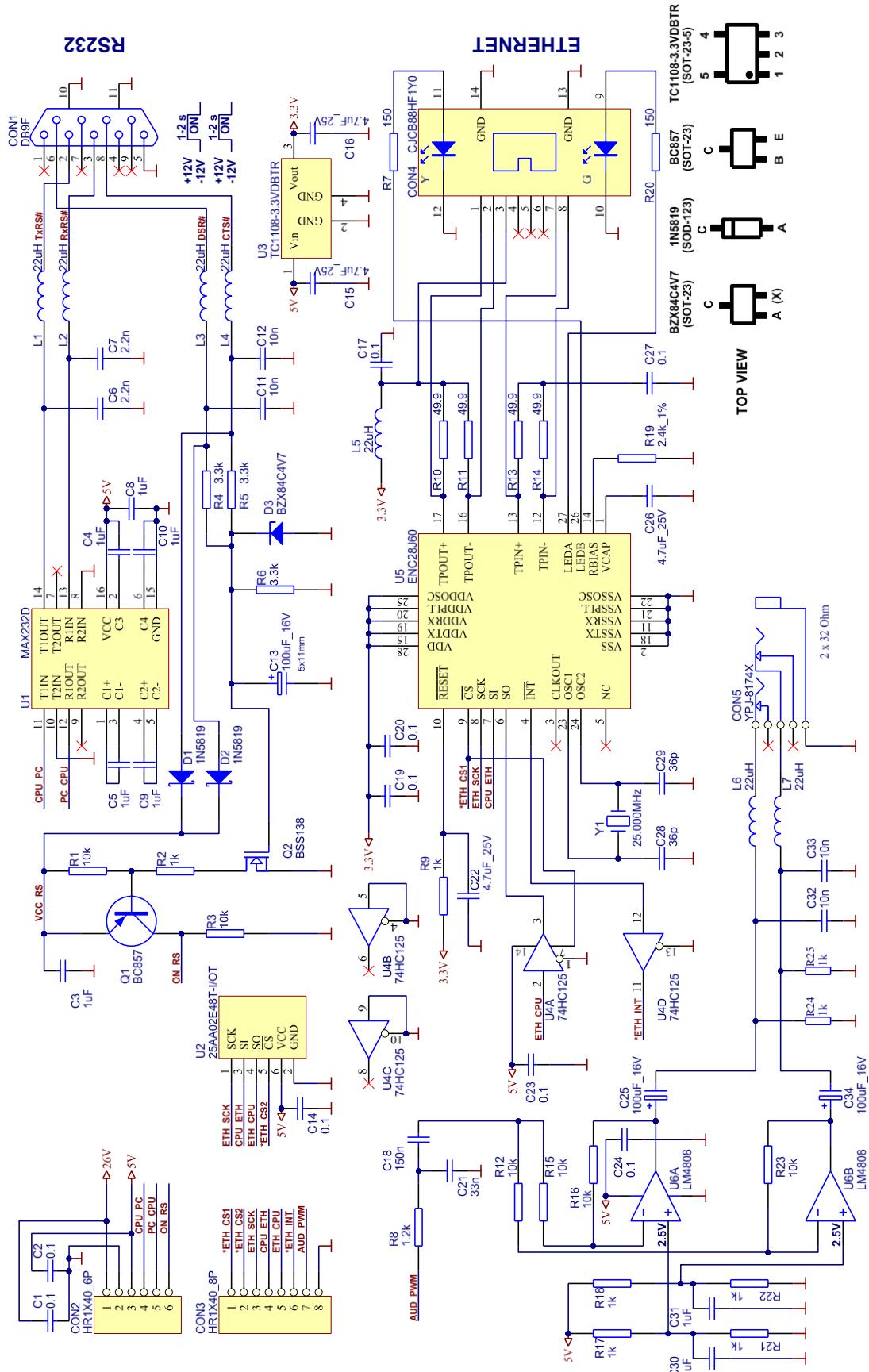


Fig.31 INTERFACE BOARD B

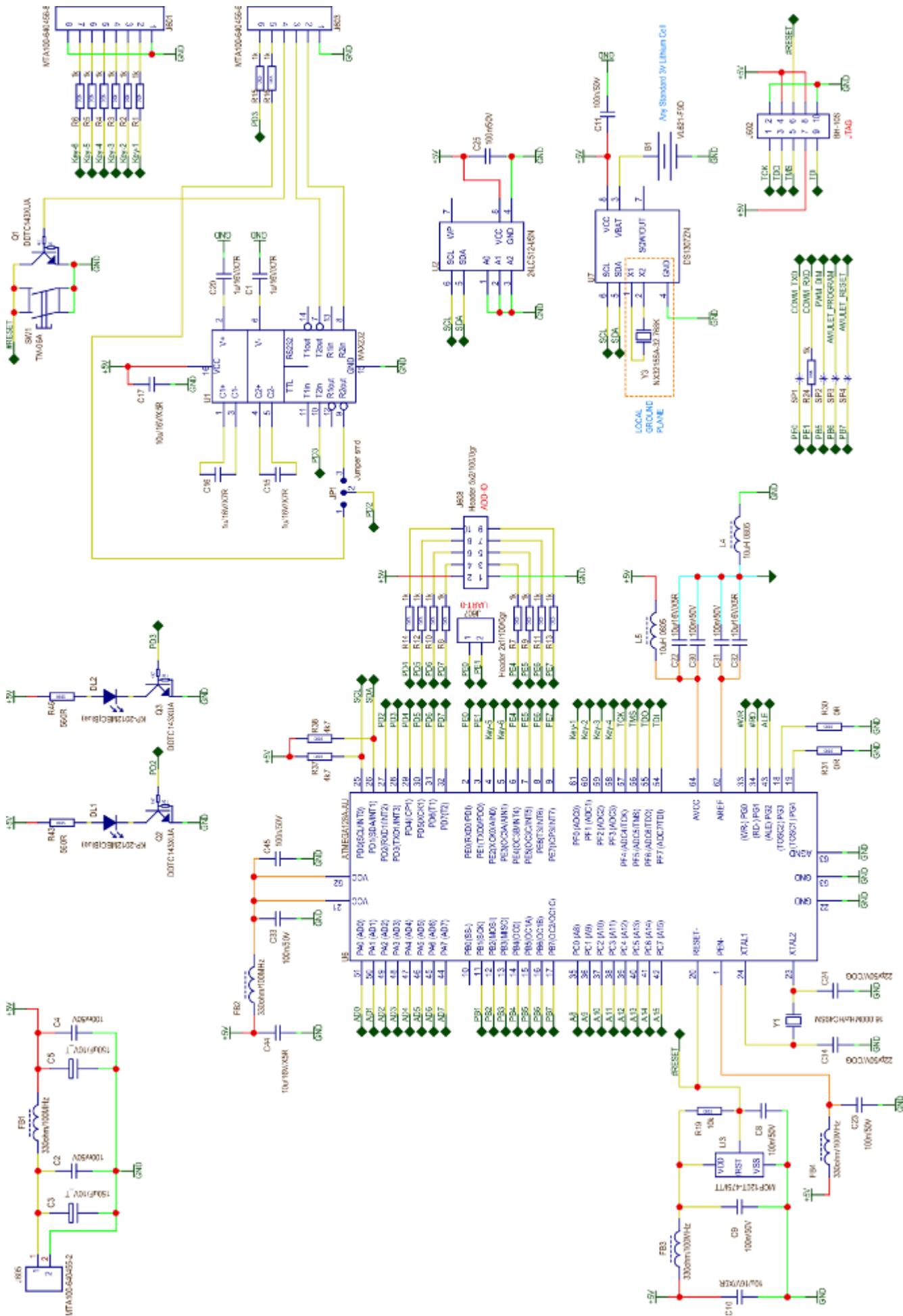


Fig. 32 LCD controller

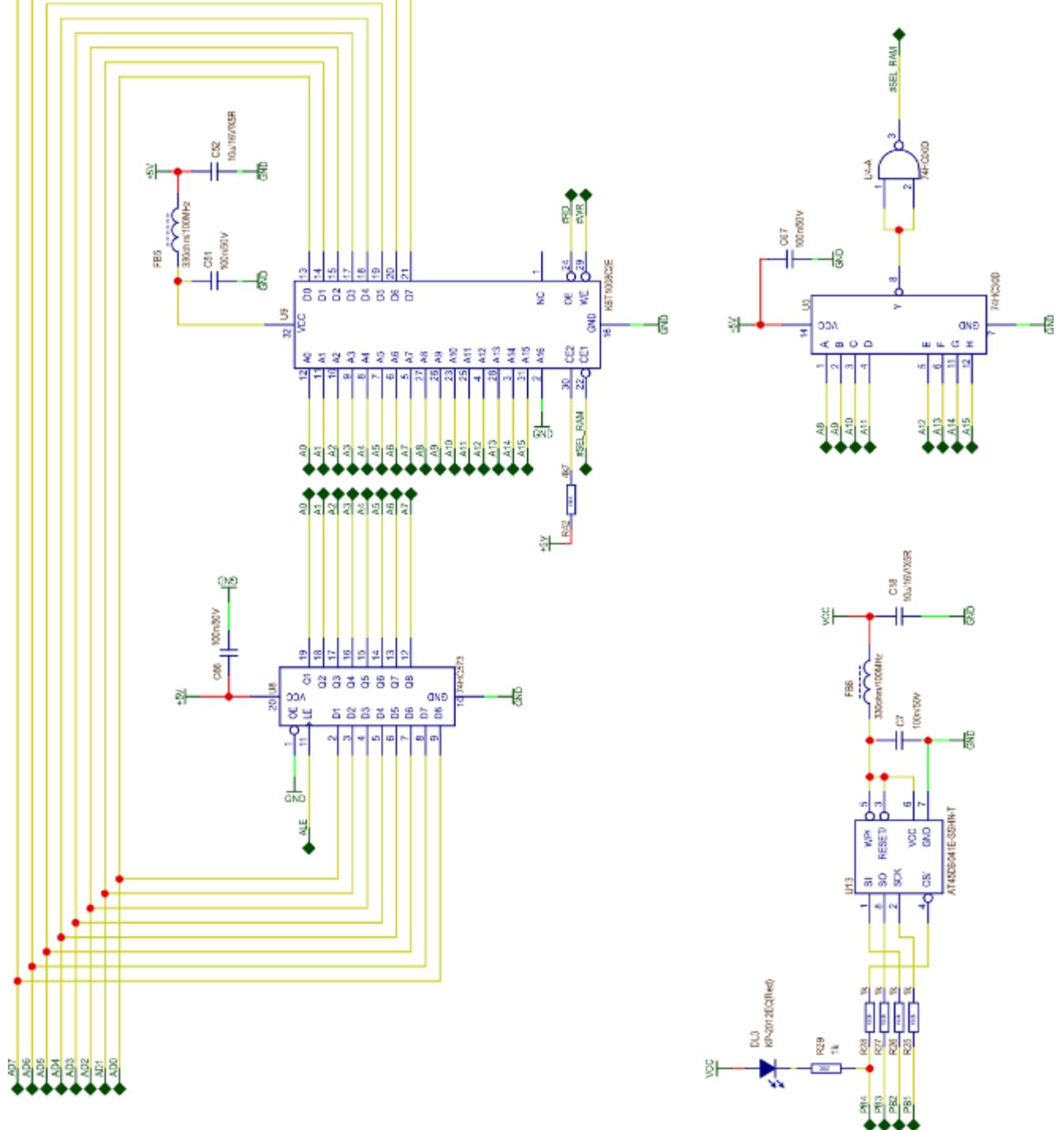


Fig. 33 LCD serial interface

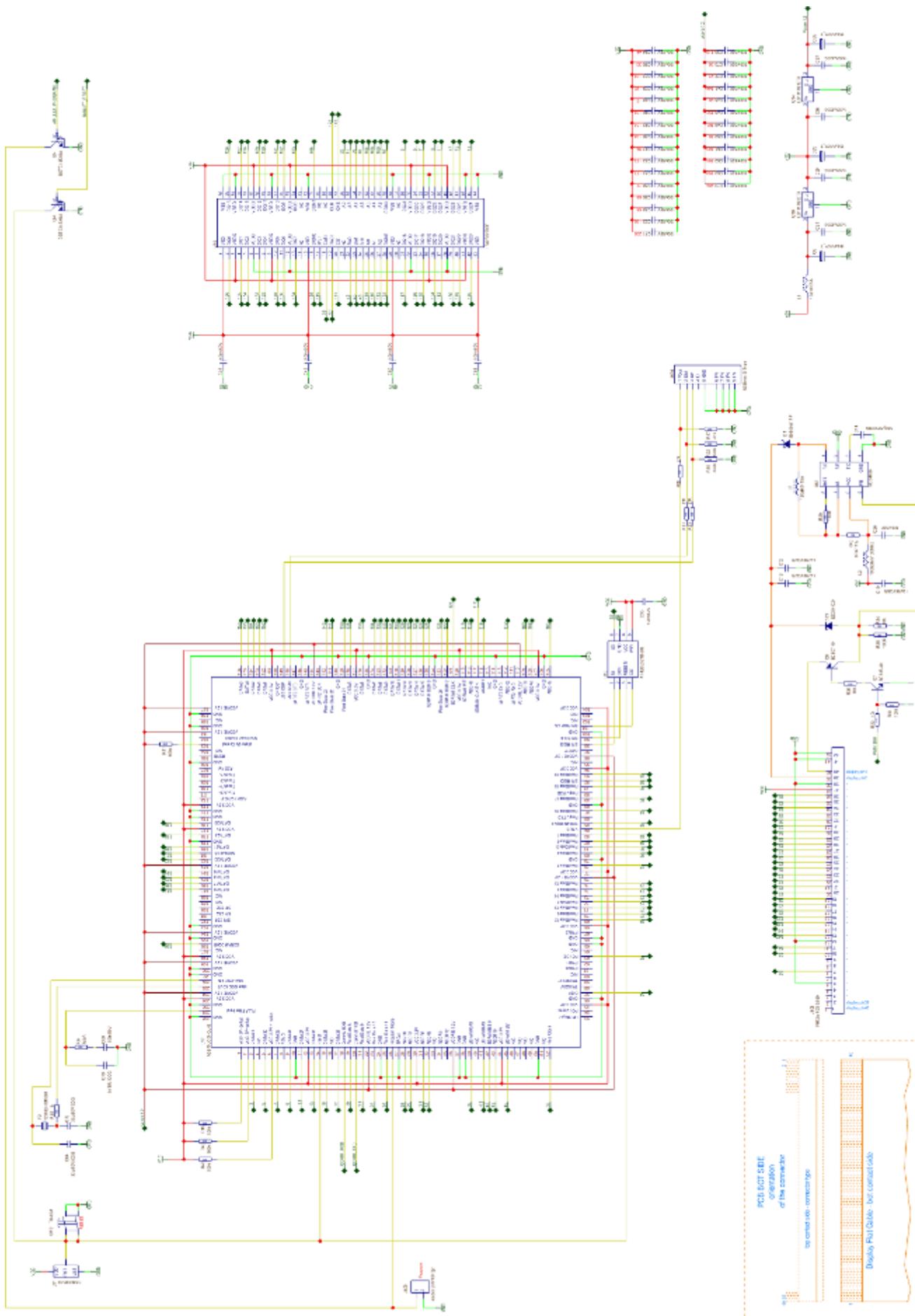


Fig.34 LCD graphic controller