Note about bypass capacitors: 47 of ceramic capacitors will do just as well as 100 nF ones. D50, C52/C53 do not really do anything, so since VR is just 14 V, 0.1% at 30°C it amounts to something like 10 microamperes.

TL.C1/C2 is a gain-limiter at rectifier input. It provides a stable output and a low input protection against short-circuiting. If the input voltage exceeds the range of the input protection, the output voltage will be limited to a safe value.

VRH and VRB are the protection voltages for VRH and VRB, respectively. The protective voltage should be set to the maximum desired output voltage.

C11 is a capacitor for coupling the output signal to the next stage. It helps to filter out any high-frequency noise.

Compartments with Q are actually transistors (Q910Y).

R2 is a 2mW 1% 1W resistors (100kΩ).

DR545/555 are bandgap references (0.85V).

DR1/DR2 is a schottky diode.

LED1 and LED2 are visible by the naked eye when lit.

Outputs of Q1 and Q2 are normally low.

Outputs of Q3 and Q4 are normally high.

Outputs of Q5 and Q6 are always low.

Output of Q7 is normally high.

Note: In all schematics, the power supplies are connected to the main board via a 2.54mm pitch cable, and the components are labeled accordingly.