

The fan is connected to CN22 and controlled by switches Q204 and Q205, located on the HF Final PCBA (X45-360X-XX A2).

This topside PCBA is accessed by removing the bottom cover, top cover, top shield plate and speaker of the rig.

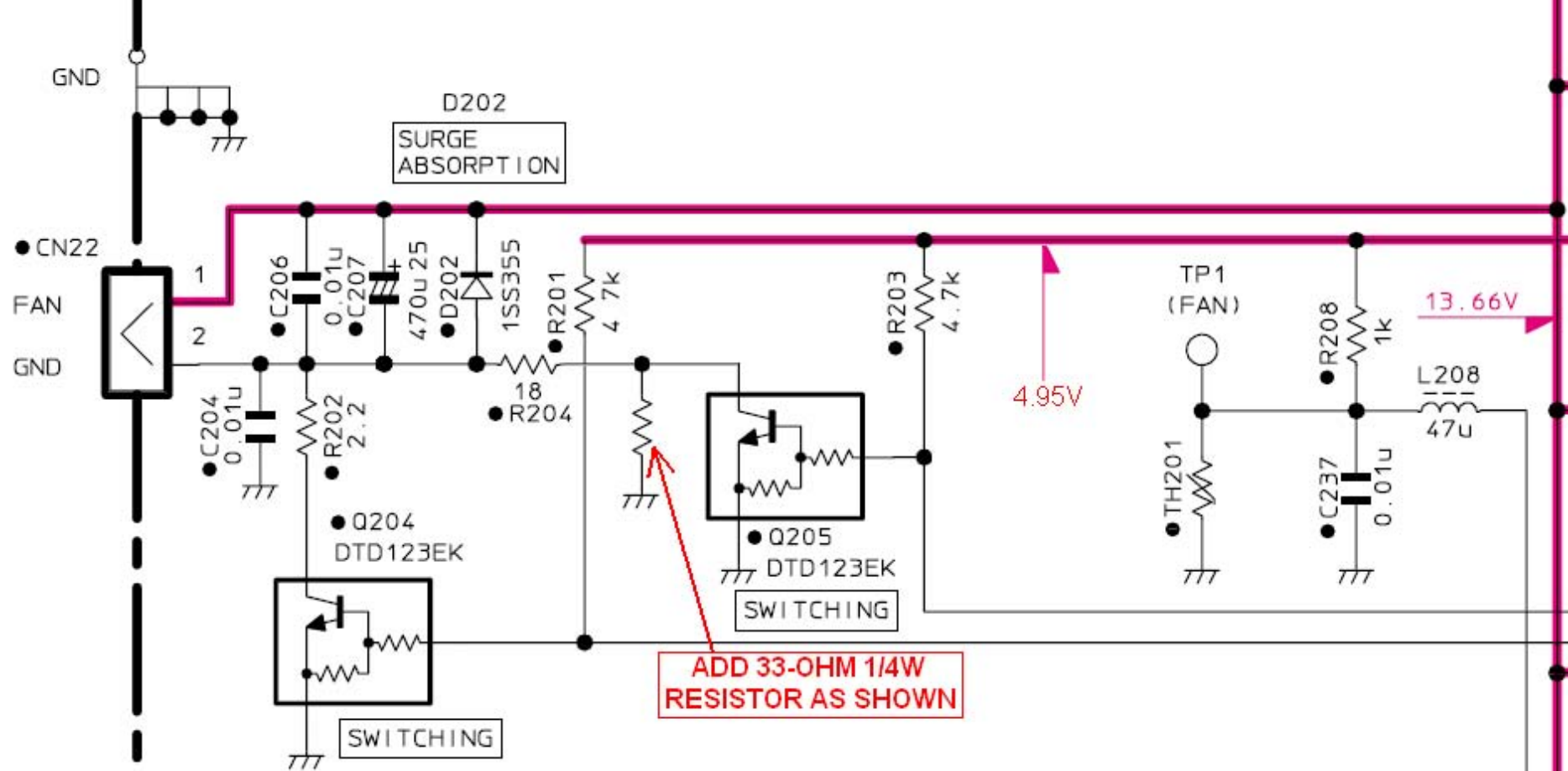
Pin one of CN22 is connected to the +13.8V source in the TS-2000. The operating temperature is determined by input from TH201.

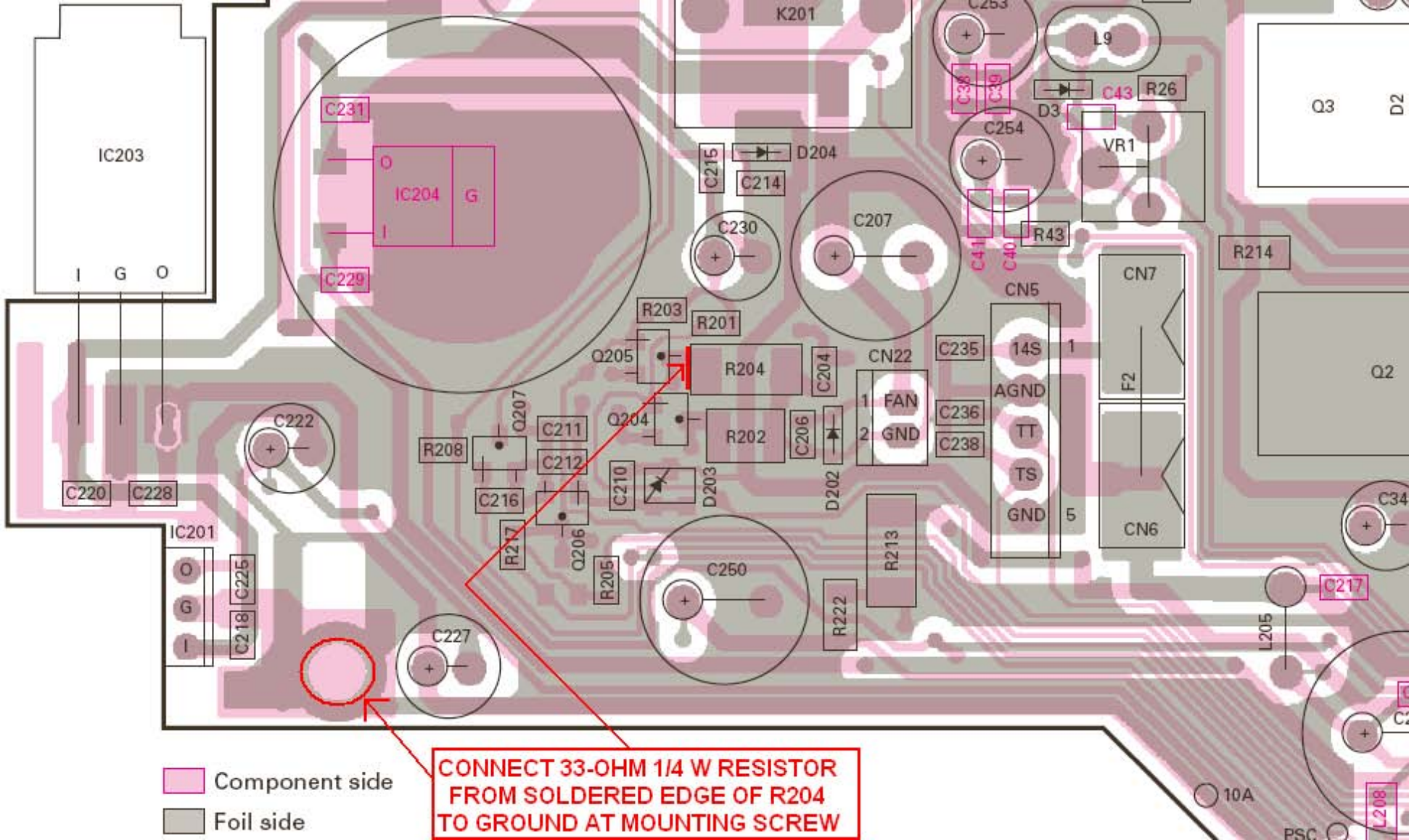
At points set by the firmware in the rig, one of the two controlling switches is turned on and the path from pin two of CN22 to ground is completed.

To have the fan stay on continuously at a low speed, connect a resistor of around 33-ohms from the junction of R204 / Q205 to ground.

Heatshrink the leads of the resistor before attachment to prevent contact with other points on the assembly.

Test the operation to make sure that the fan starts up at a low speed when the rig is turned on (before replacing the shield plate and covers).





Component side
Foil side

CONNECT 33-OHM 1/4 W RESISTOR
FROM SOLDERED EDGE OF R204
TO GROUND AT MOUNTING SCREW