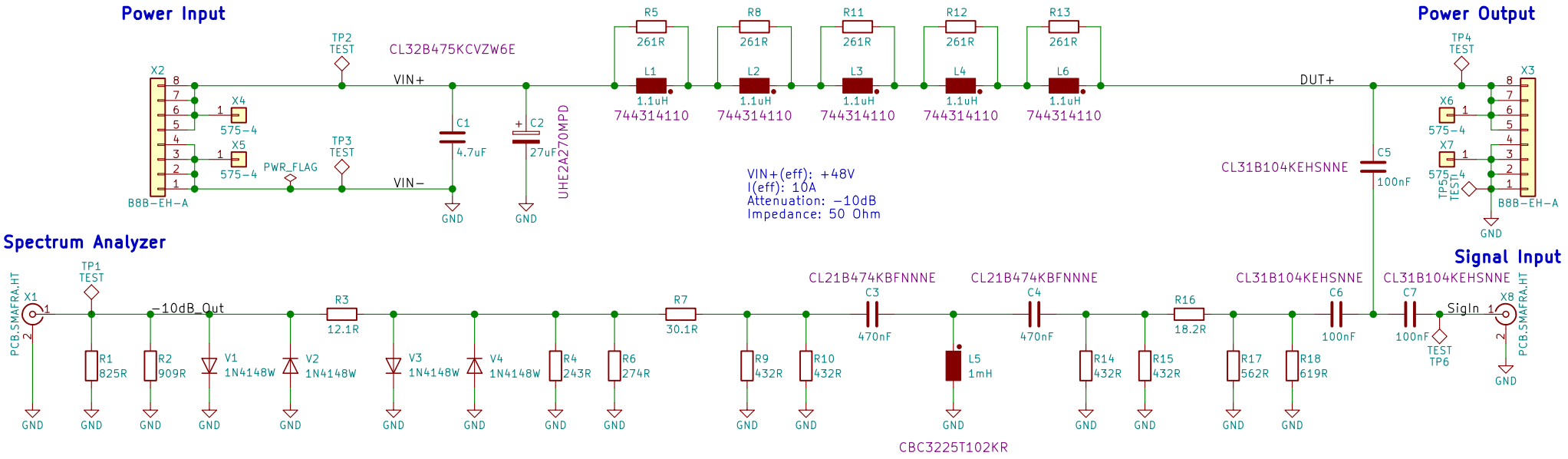
−10dB DC LISN 5µH

This is a 5µH DC LISN intended for EMC pre compliance measurements
of conducted emission.
It has an attenuation of −10dB and overvoltage protection.
It must be connected to a 50 Ohm spectrum anaylzer input,
or terminated with 50 Ohm termination resistor.
The circuit is a partial implementation of LinearTechnology's
DC2130A.



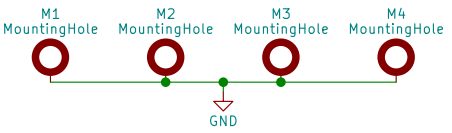
Remarks:

R5, R8, R11, R12 and R13 are damping resistors for the inductors.
They are not mounted by default.

The 10dB attenuator can be used as standalone when
C5 is unmounted and C7 and X8 are mounted.
C7 and X8 are not mounted by default.

Testpoints TP2, TP3, TP4 and TP5 can be used
to solder wires to the PCB.
It is useful when mounting the LISN inside a housing
using banana jack binding posts, which do not directly
fit to the PCB.
Therefore the X4, X5, X6 and X7 low cost PCB mount
banana plug sockets are not mounted by default.

Housing:
Fischer Elektronik
AKG 71 24 100 ME



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