



Circuit to provide a clean power fail signal to Speaker Protect if not using Microaudio SMPS but linear PSU. (Microaudio provides powerfail) It provides the signal for two boards.
The optocouplers prevent unwanted short circuit of different grounds for channel 1 and channel 2. And even isolates AC from speaker protect board.
LTV-8141 is a AC type optocoupler available in PDIP package.
Mouser P/N 859-LTV-8141

J1 must be connected to a trafo secondary winding.
R1 calculated for 48V AC 50/60Hz recalculate to other voltage by voltage minus 2 x Vf of optos divided by 1mA.
(makes around 1kOhm per volt secondary voltage.)

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