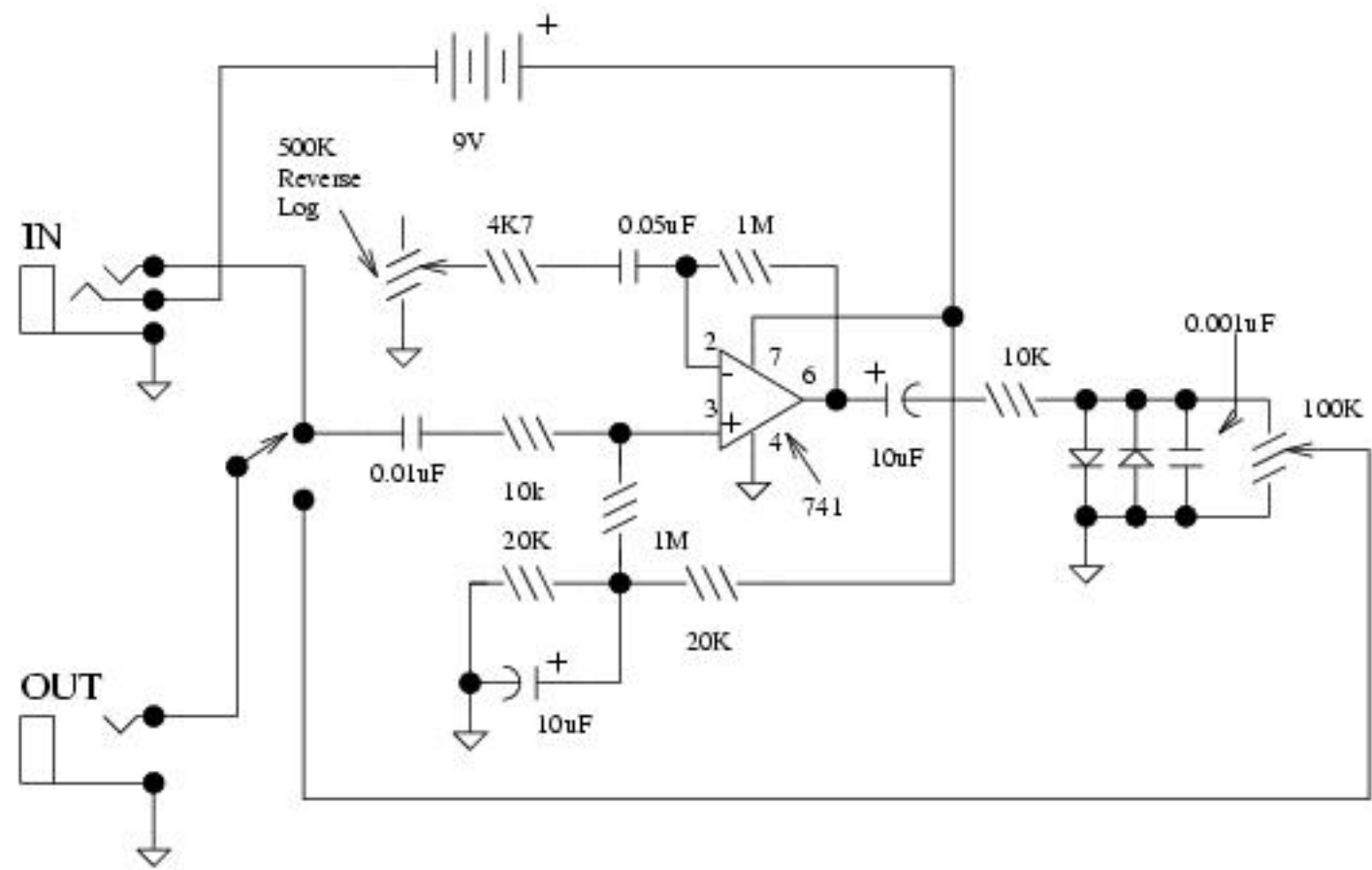
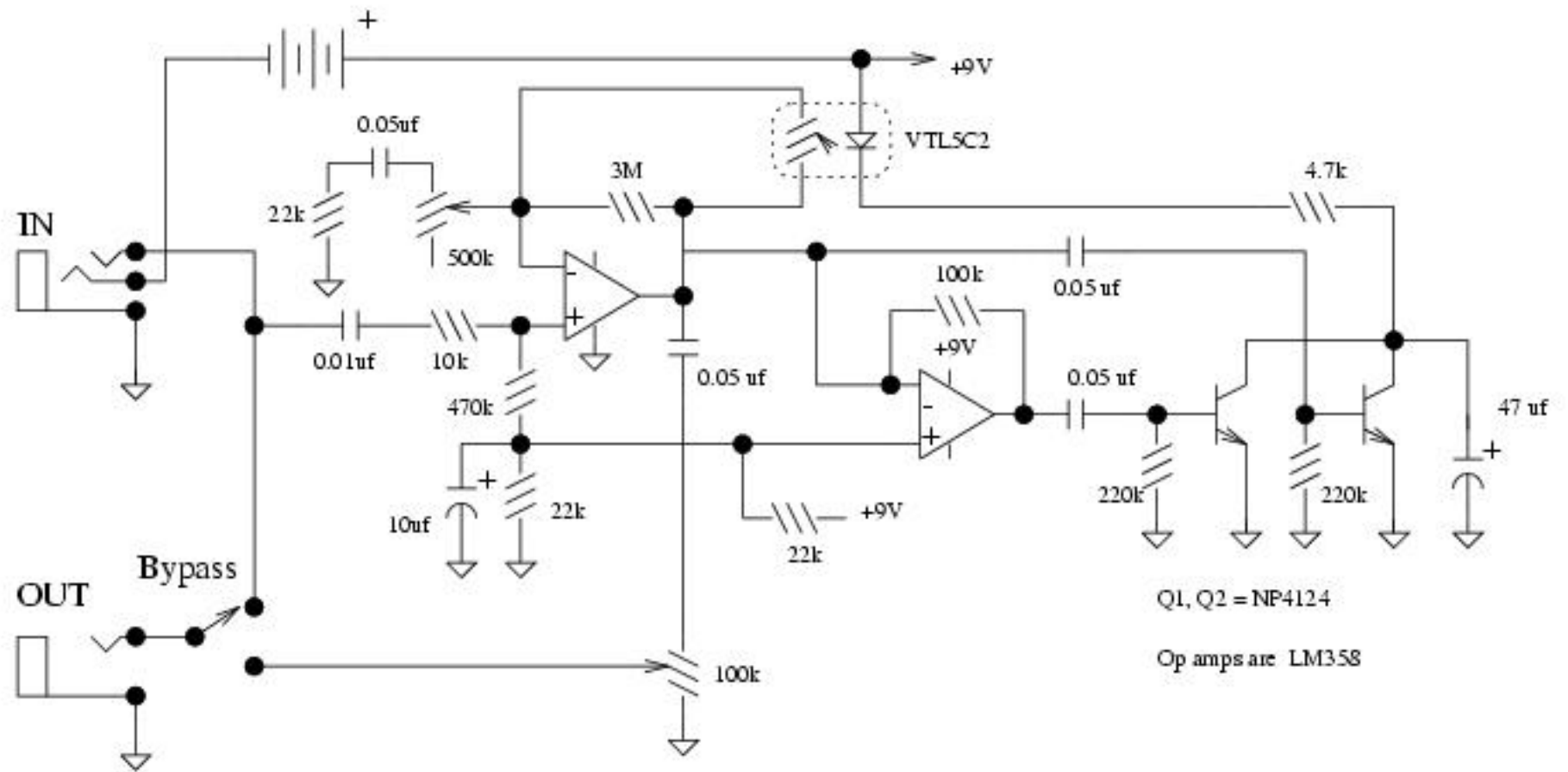


DOD Overdrive 250

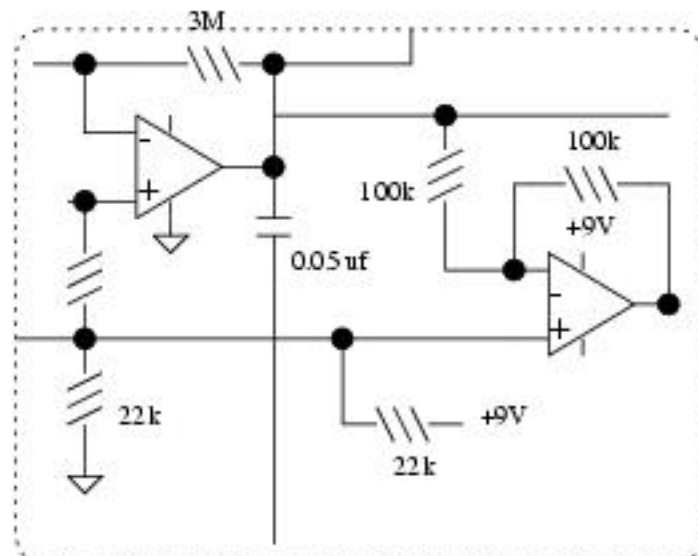


The DOD Overdrive 250 is Yet Another 741 With Two Diodes On The Output. It is almost exactly the same as the MXR Distortion Plus, and a number of other units.

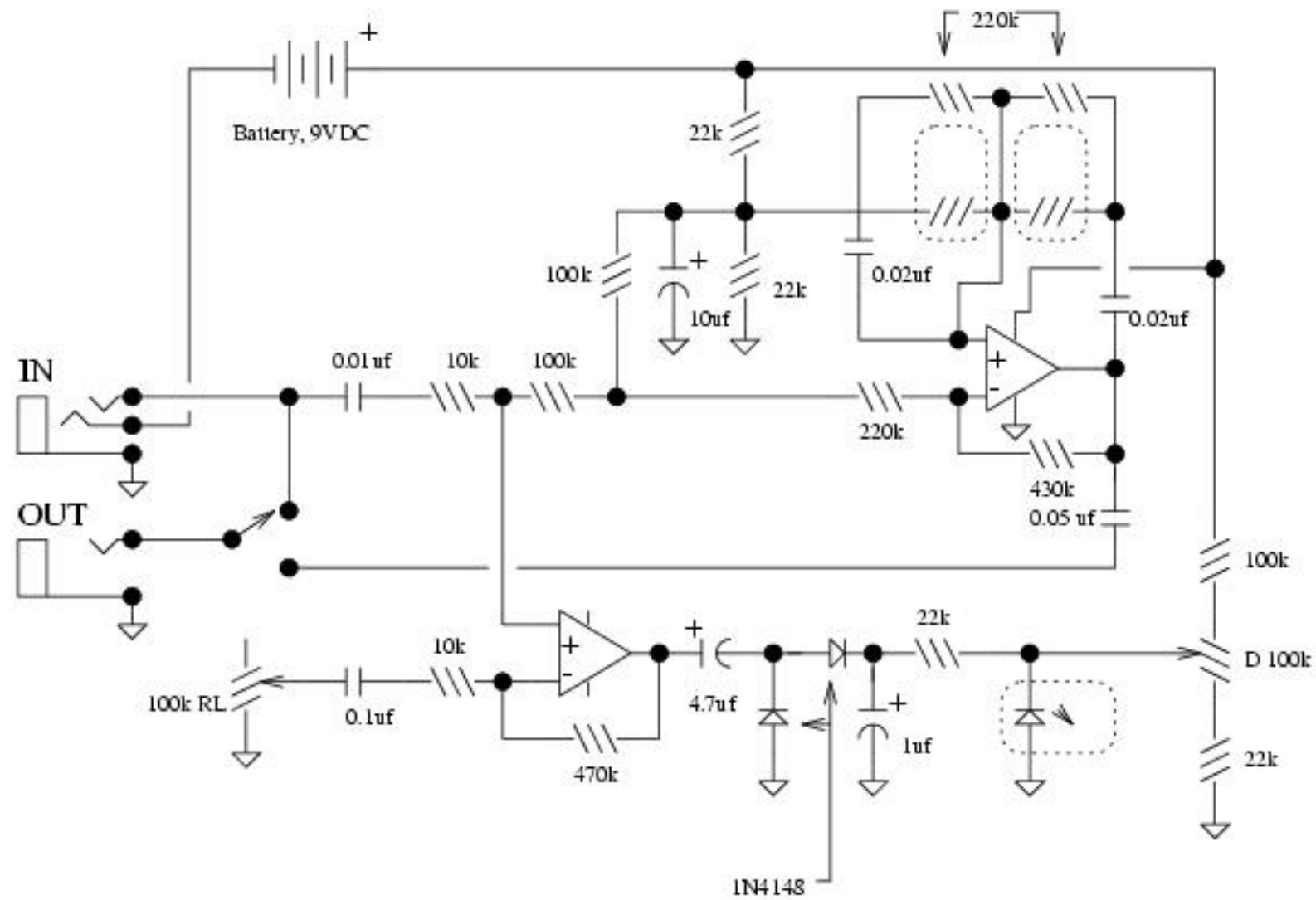
DOD Compressor 280A



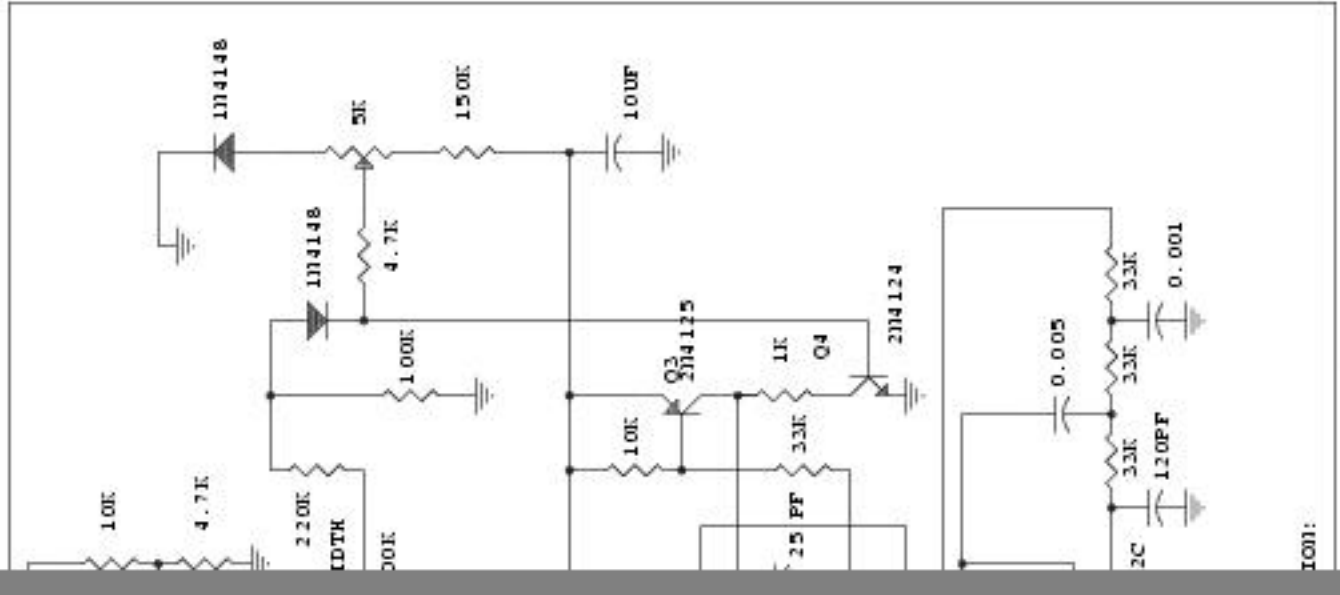
This is the original schematic, but it looks funny to me. I think that there should be a 100k resistor at the (-) input of the second opamp to make it a pure inverter. As it is, that stage would have a very large voltage gain, unbalancing what I think works as a full wave rectifier/current source for the LED in the compression feedback loop. I would expect that the proper circuit is as shown in the fragment below. I think the VTL5C2 LED/LDR module could be replaced with a CLM6000 if you could find one of those.



DOD Envelope Filter 440



Opamps are each 1/2 of TL022 dual low power opamp. LED/LDR module is unknown, but is probably a Vactec VTL module with LED to center-tapped LDR.



ION:

ER DUAL OPAMP; (TEXAS INSTRUMENTS)
 ERATOR FOR BUCKET BRIGADE DEVICE / BED
 IQUAL DELAY, 1024 STAGE LOW NOISE BED
 EC delay)
 MPLEMENTARY PAIR WITH INVERTER; (RCA)
 ANUF. PANASONIC; THESE ARE EQUIVALENT
 1541 RESPECTFULLY.

16	DOD FX75 FLANNER (10-15-84)
2	Document Number
	DESIGN BY: FABIAN P. MARTERY
3	November 20, 1994 Sheet 1 of 1