

THIS 2N3906 KEEPS THE A TO D INPUT FROM SWINGING BELOW GROUND DURING THE NEGATIVE-GOING MUX-64 SYNC PULSES. IT PROVIDES A MUCH HARDER CLAMP THAN A SIMPLE DIODE TO GROUND WOULD.

FULL SCALE ADJUST

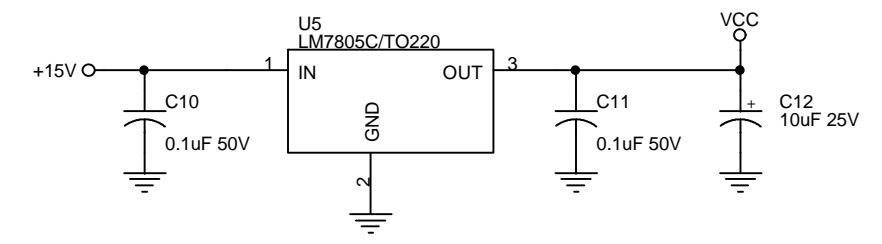
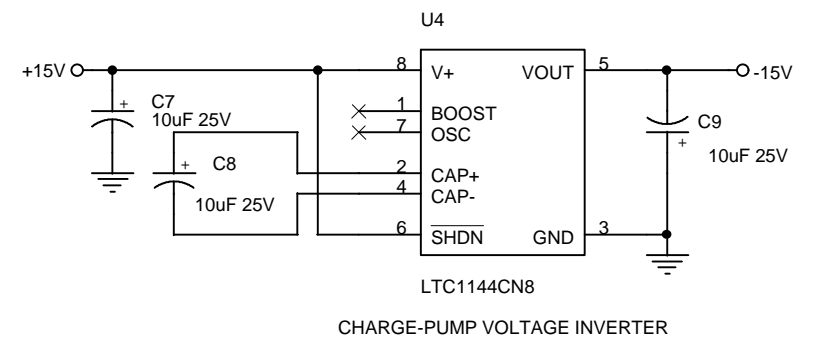
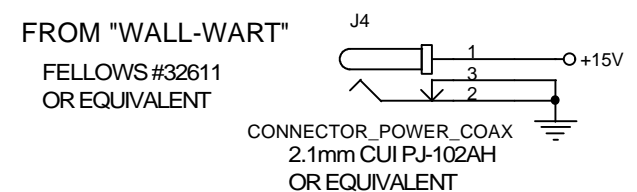
ZERO ADJUST

"6425122A" IS A PHILIPS 87LPC767 MICROCONTROLLER WITH AN A TO D CONVERTER, 2 COMPARATORS AND A UART ON-CHIP, RUNNING MY MUX-64 TO DMX-512 CONVERSION PROGRAM.

THIS 2N3906 KEEPS THE TWO COMPARATOR INPUTS FROM SWINGING BELOW GROUND DURING THE DATA PORTION OF THE MUX-64 SIGNAL.

LAST USED REFERENCES

- C12
- U5
- R16
- J4
- TP1
- D1
- Q2
- Y1



NOTE THAT A "WALL-WART" PLUG-SUPPLY IS NOT NEEDED IF THERE ARE MUX-64 DIMMER OR RELAY PACKS ON-LINE.

John K. Emerson		
Title MUX-64 to DMX-512 CONVERTER		
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