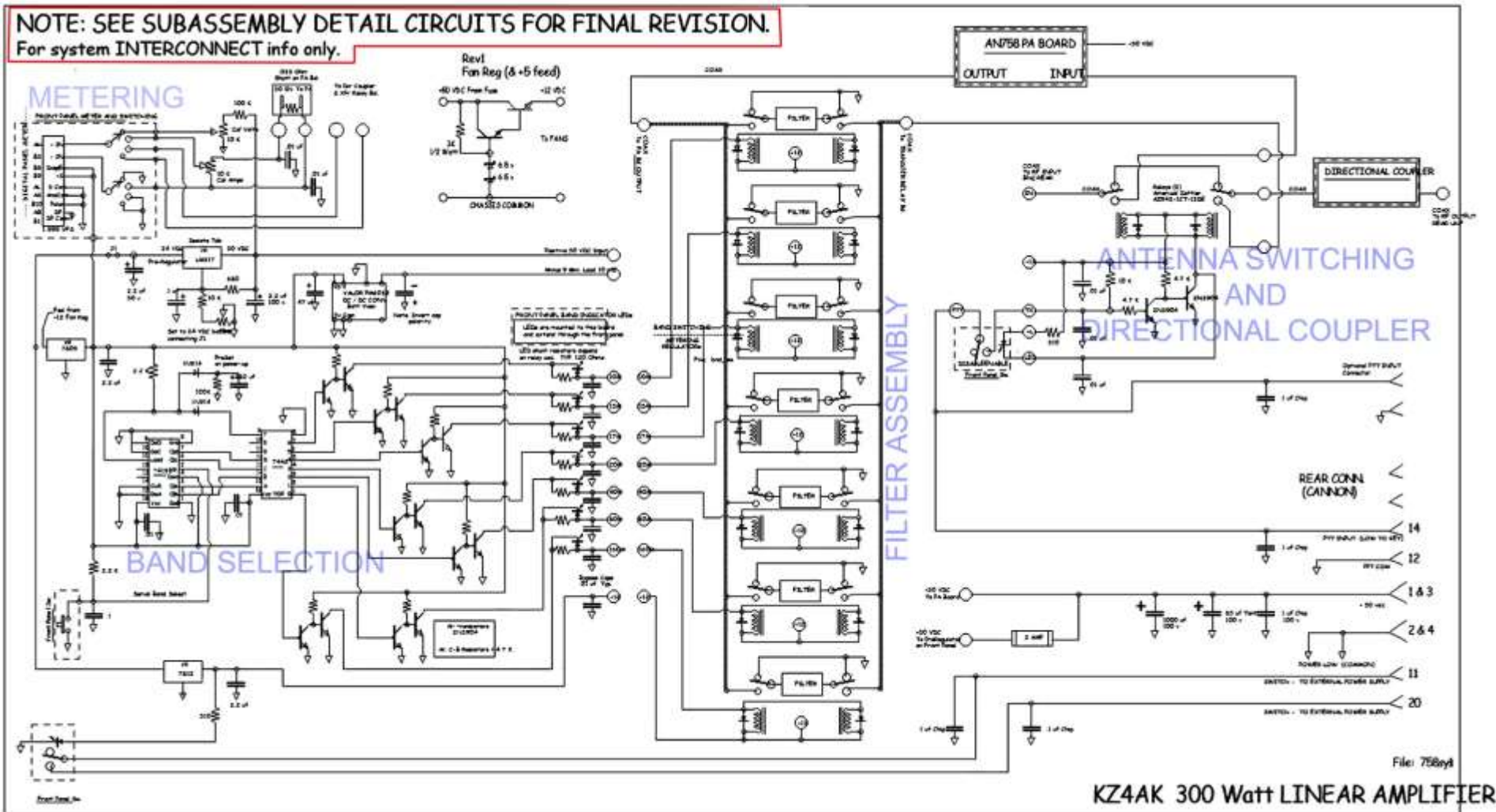


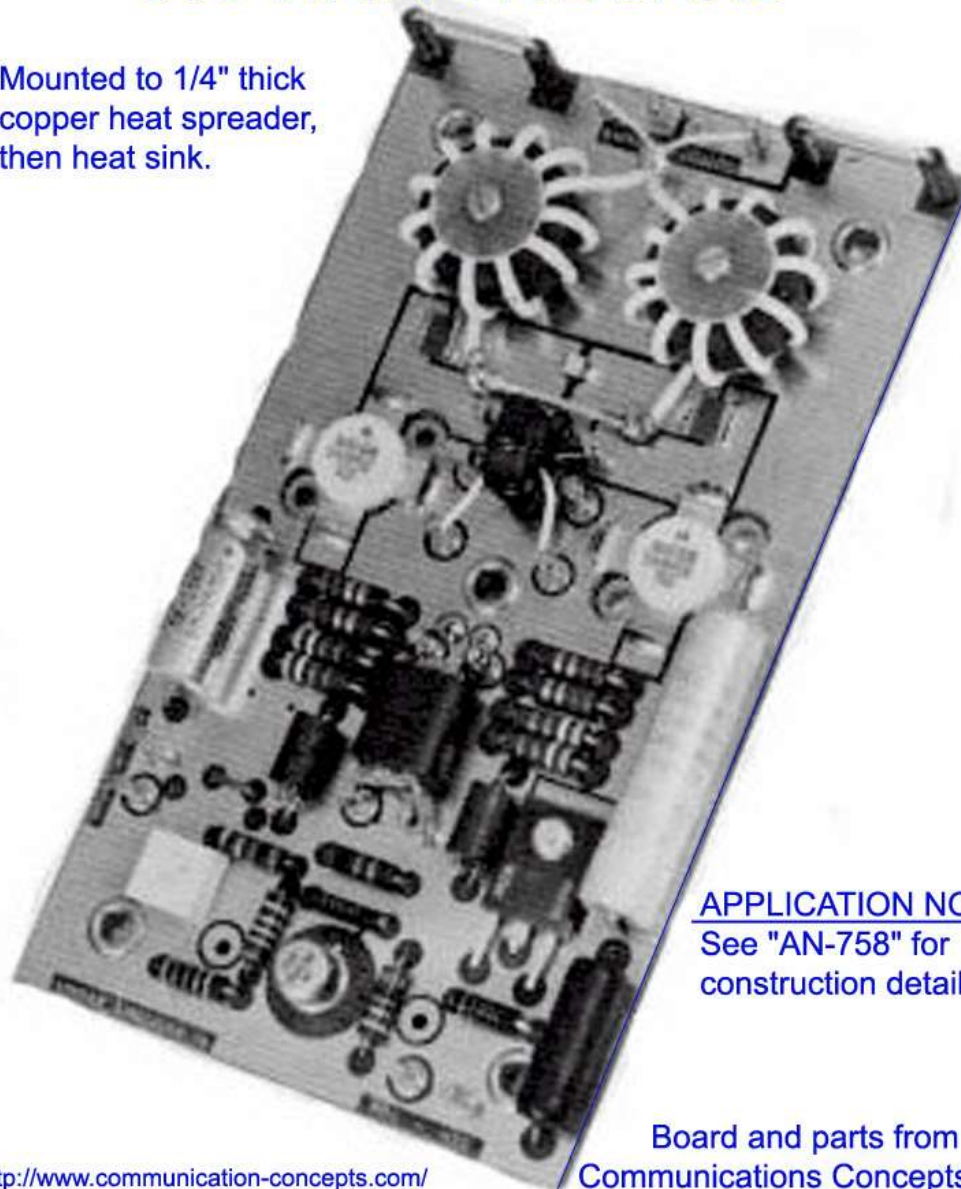
Approximate – details follow



300 WATT PA BOARD

FILE: PA Board.jpg

Mounted to 1/4" thick
copper heat spreader,
then heat sink.



APPLICATION NOTE

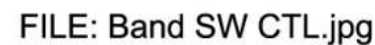
See "AN-758" for
construction details.

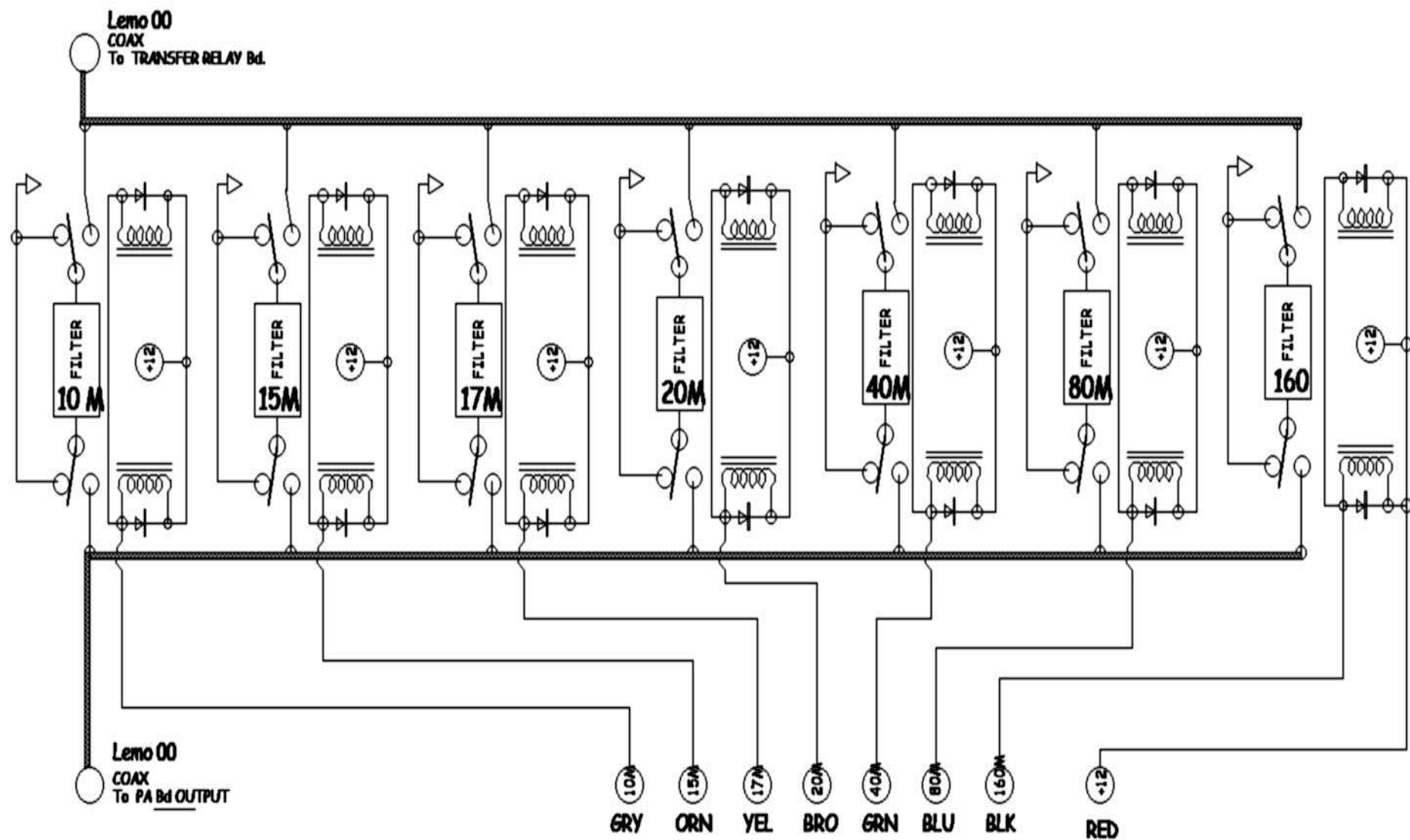
<http://www.communication-concepts.com/>

Board and parts from
Communications Concepts Inc.

CONN

11 PIN DIP CONNL.



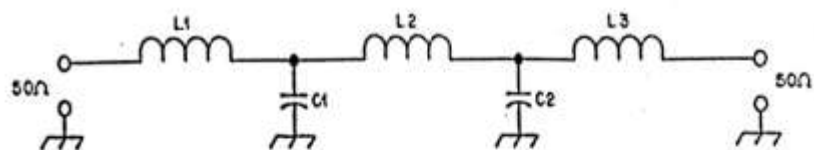


Write To SIP Conn. - Front Panel

FILTERS: Board and parts from Communications Concepts SMC and capacitors tweaked.

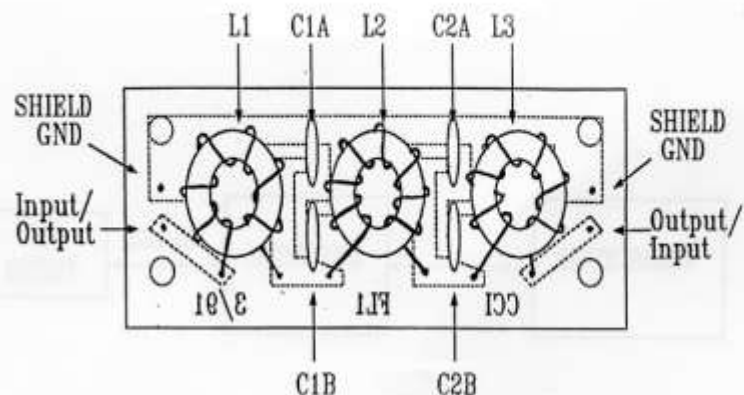
RELAYS (14)
American Zettler AZ942-1CT-12DE

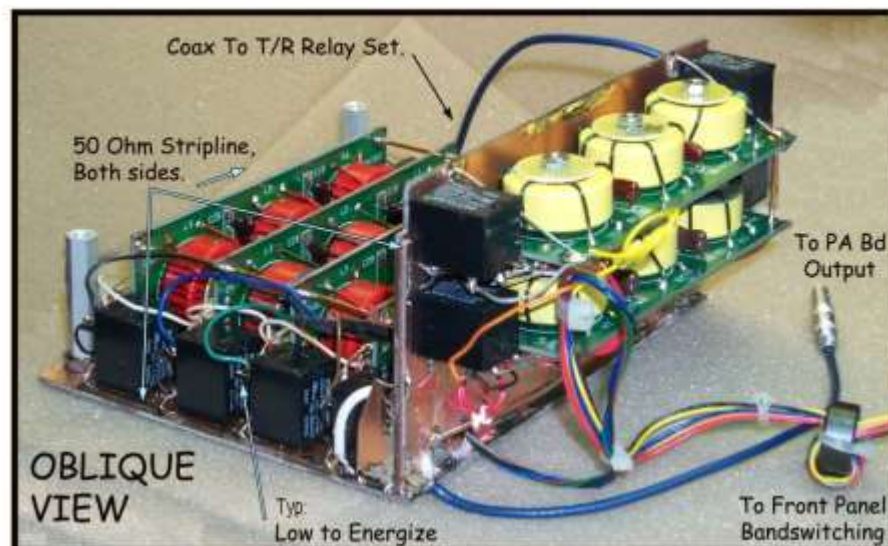
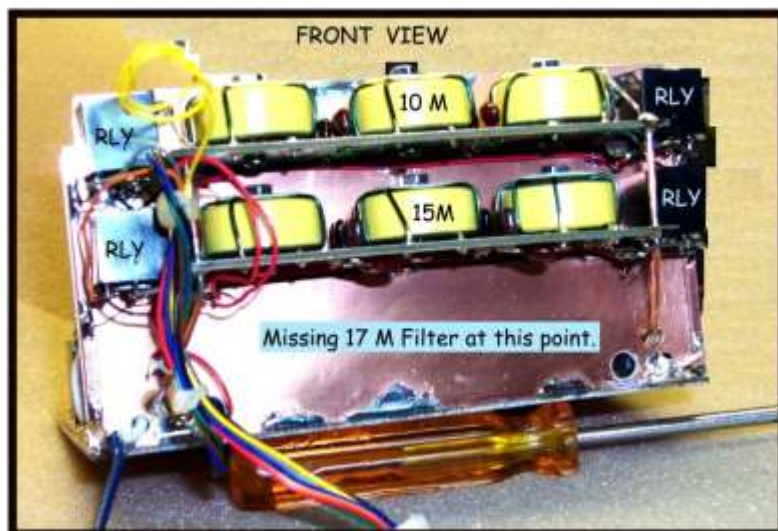
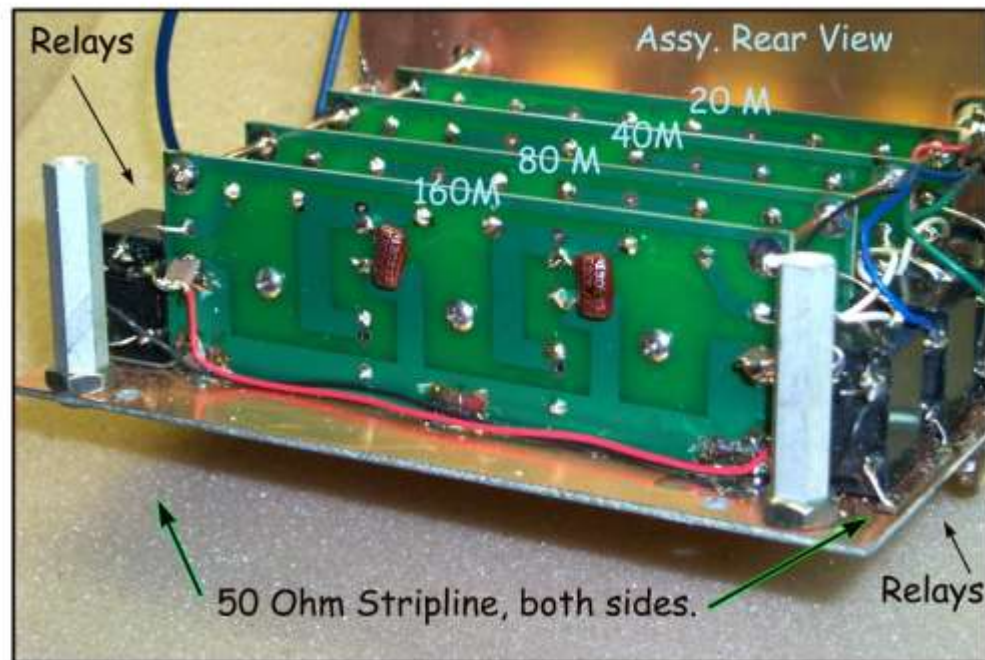
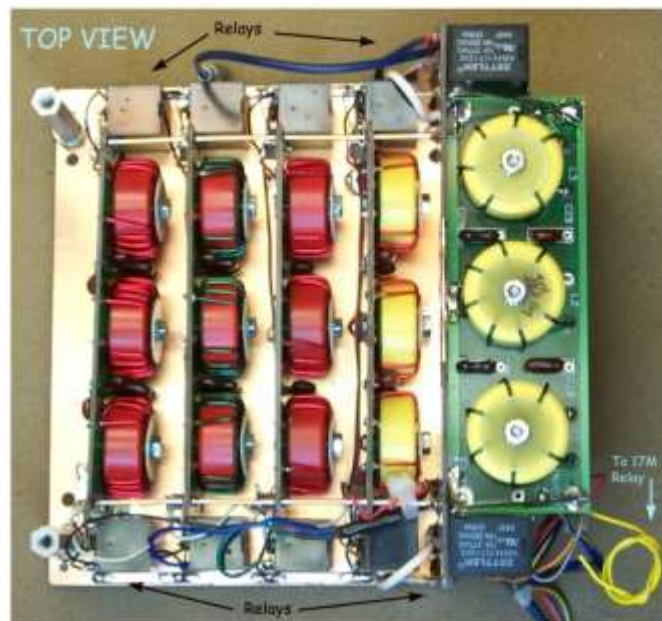
FILTER ASSEMBLY - 7 LoPass Boards
File: Filter section schematic.jpg

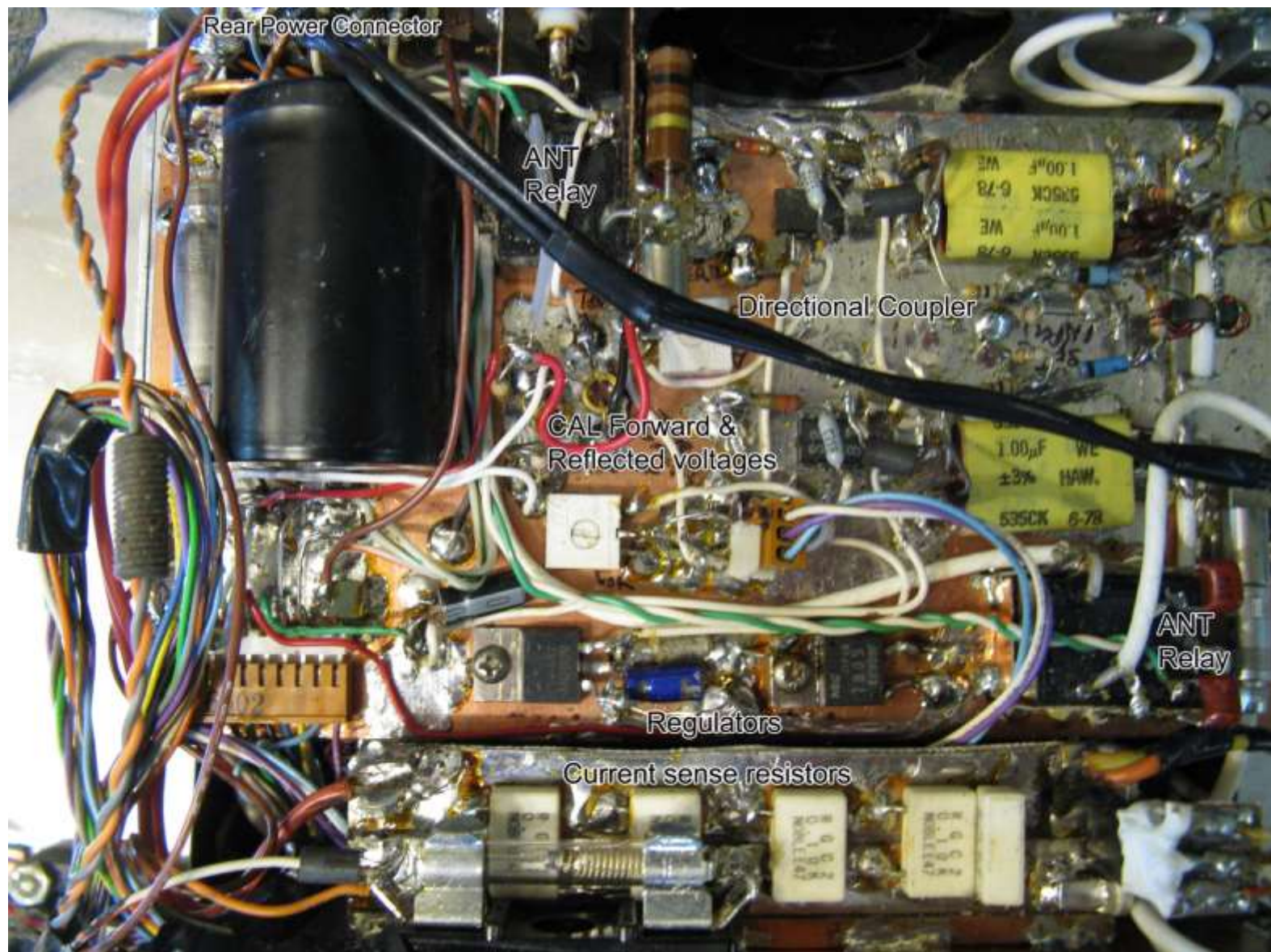


Band	F_{cutoff} (MHz)	L1, L3 (uH)	L2 (uH)
160	2.1	8.1 (23T on T-106-2)	11.4 (28T on T-106-2)
80	4.1	4.1 (16T on T-106-2)	5.8 (20T on T-106-2)
40	7.4	2.3 (12T on T-106-2)	3.2 (14T on T-106-2)
20	14.450	1.18 (9T on T-106-6)	1.65 (11T on T-106-6)
17	>18.2	8T on T-106-6	9T on T106-6
15	21.550	0.79 (7T on T-106-6)	1.11 (8T on T-106-6)
10	29.8	0.57 (6T on T-106-6)	0.8 (7T on T-106-6)

Band	Desired Value	Parallel Values			
	C1, C2	C1A	C1B	C2A	C2B
160	1653pf	1500pf	150pf	1500pf	150pf
80	847pf	820pf	27pf	820pf	27pf
40	470pf	470pf	---	470pf	---
20	240pf	240pf	---	240pf	---
15	161pf	110pf	51pf	110pf	51pf
10	117pf	100pf	18pf	100pf	18pf
17	201pf, 199pf	150pf - 39pf - 12pf		150pf - 39pf - 10pf	







Optional D.T. Relay - Used SPST BAND Push Button

METER CAL.

AMPS ➡

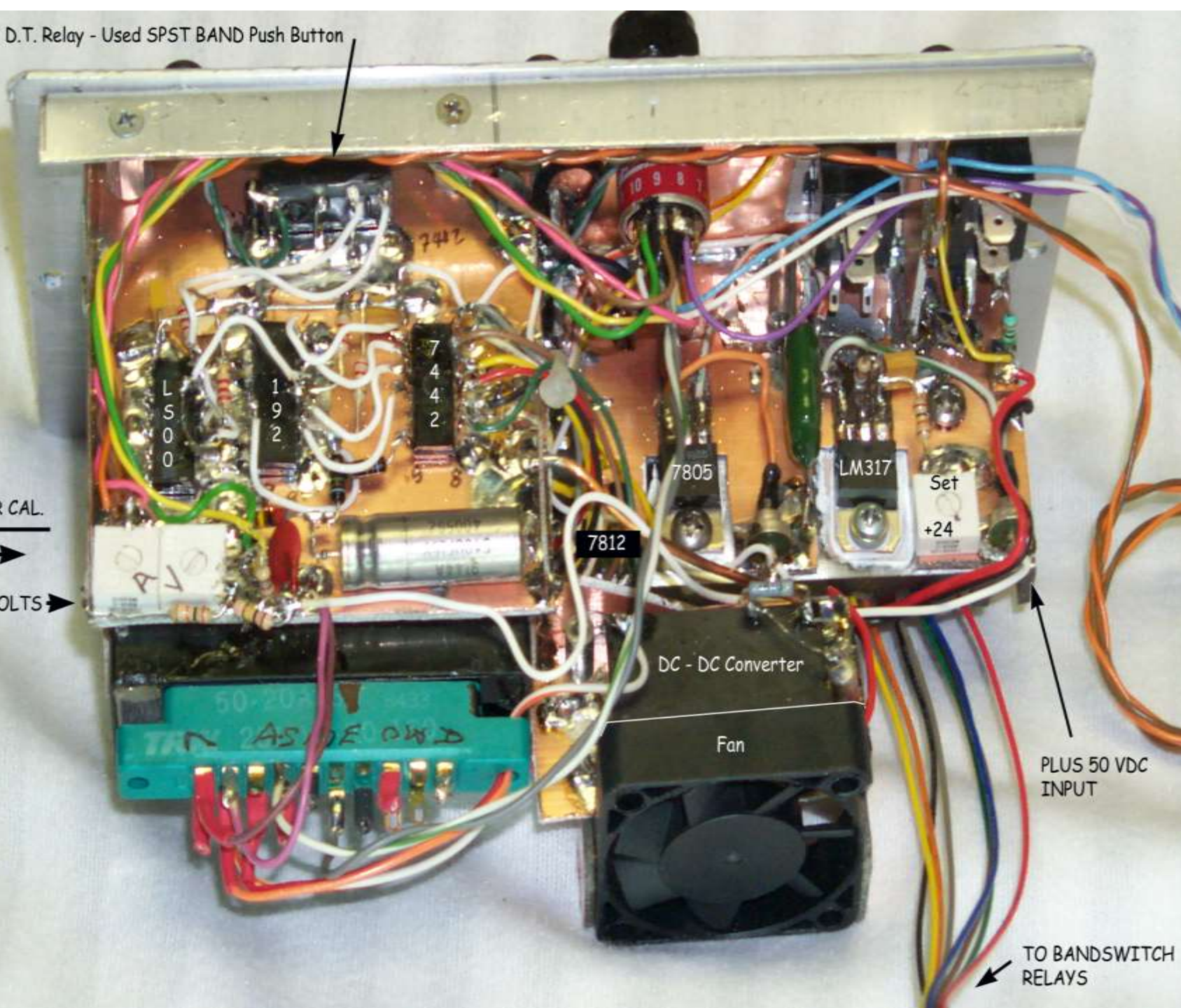
VOLTS ➡

DC - DC Converter

Fan

PLUS 50 VDC
INPUT

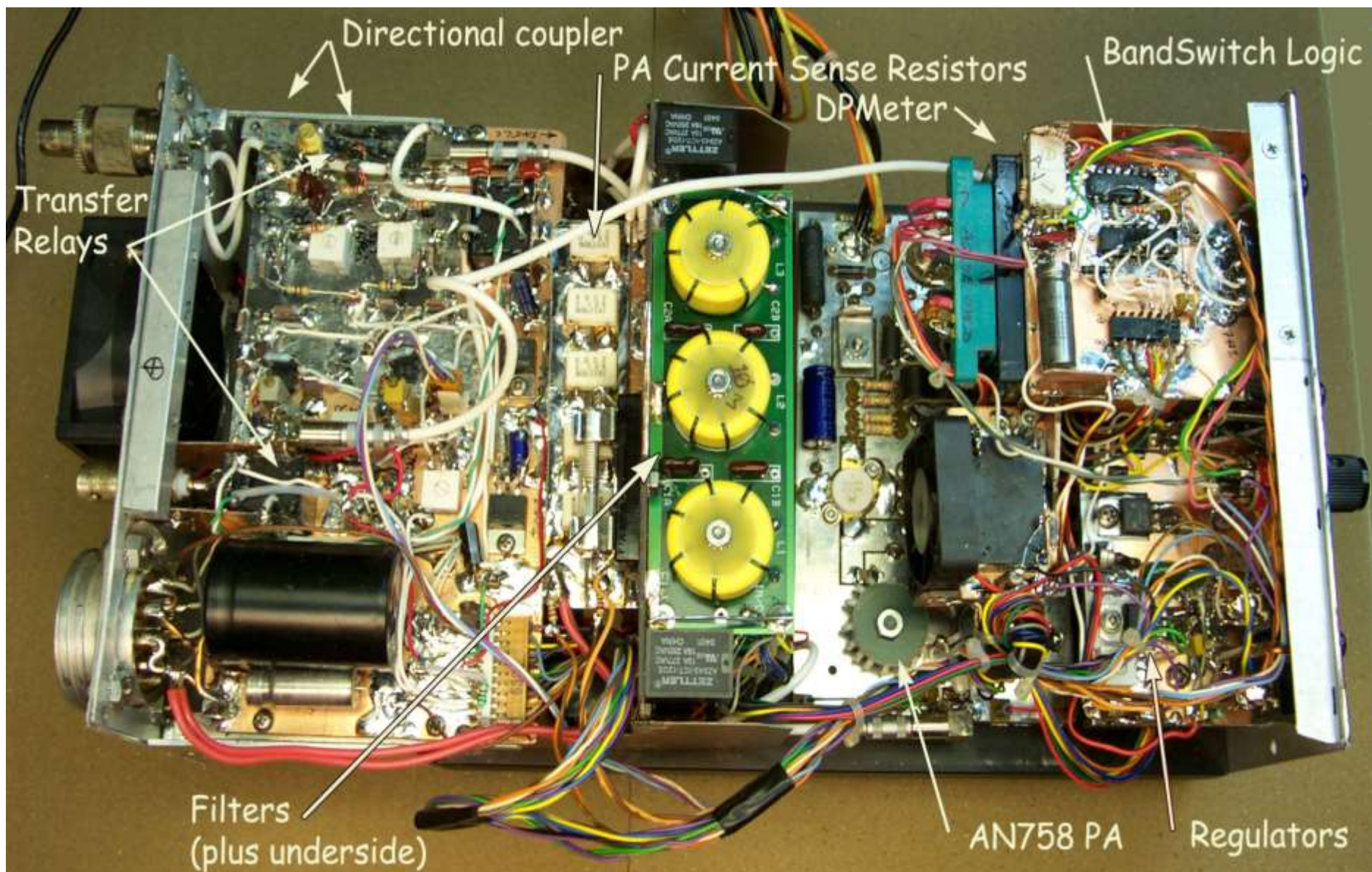
TO BANDSWITCH
RELAYS





Connector to Filter Relays

The kludgy BANDSWITCH RELAY DRIVERS
LEDs mounted to circuit board
protrude through front panel.



Zero Offse POT added
For AMP meter Here-

24 VDC
PreRegulator

CAL Volage

-9 V
DC-DC
Conv.

50
VDC

CAL Current

Meter Connector

Fan

