



# FIT ONLY !

23-03-09

CABLE  
 10 WAY RIBBON CABLE  
 1 goes to Pin1 each end !

cable on TOP or BOTTOM of PCB  
 FIT CONNECTOR TOP OR BOTTOM, AS REQUIRED

10 way ribbon cable to Low Pass Filter

cable on TOP of PCB



20 WAY RIBBON CABLE

cable on TOP or BOTTOM of PCB

CAN FIT FILTER ON BOTTOM

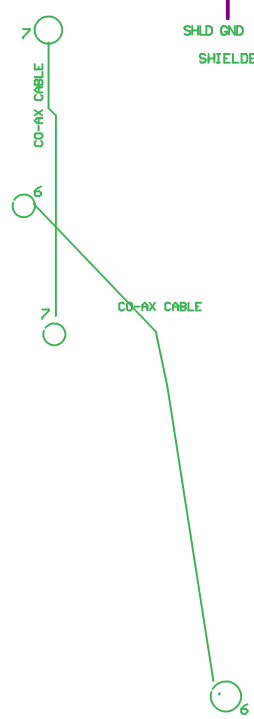
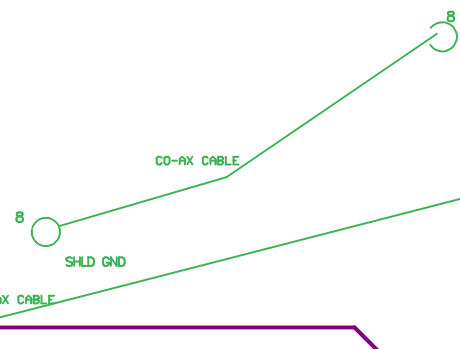
NF/TIP3 TX

SHLD GND MIC IN SHIELDED CABLE TO MIC SOCKET

SHLD GND 2 3 TWIN SHLD-AUD

ON TOP FIT ONE RESISTOR !

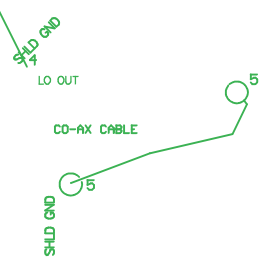
SHIELD

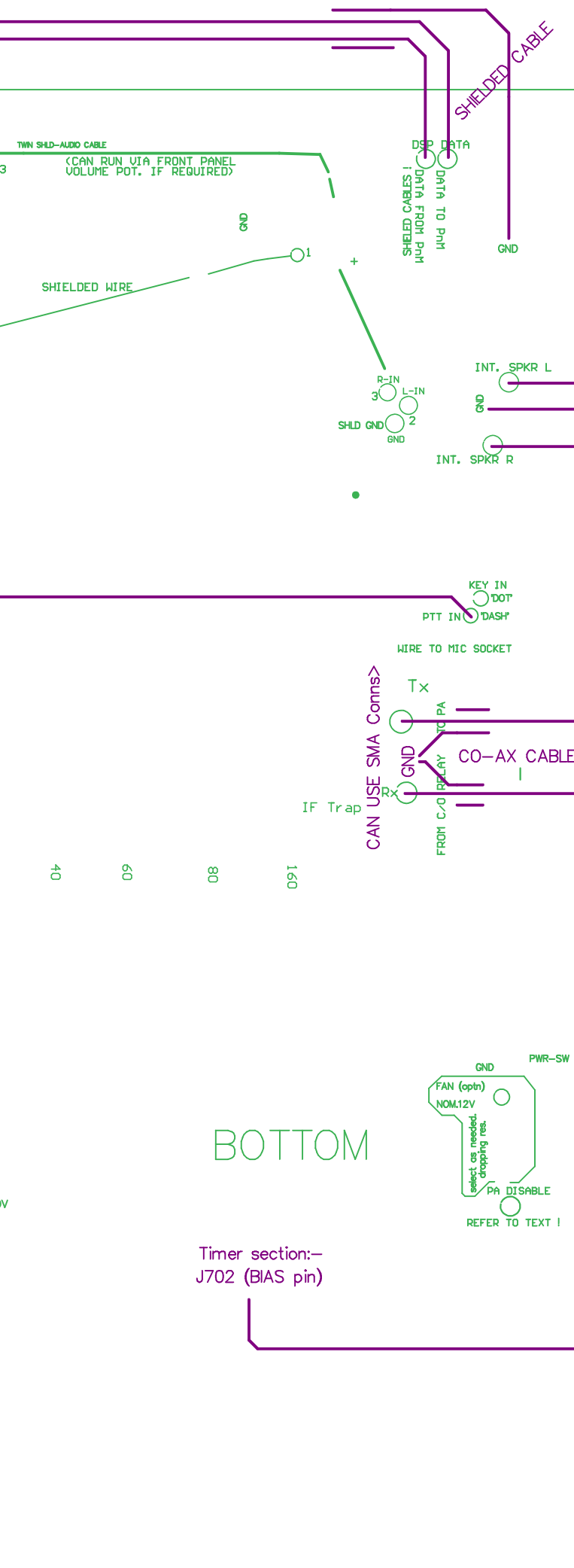


- Spare
- 12/10
- 17/15
- 20
- 30
- 40

10V

FIT CONNECTOR TOP OR BOTTOM, AS REQUIRED





BOTTOM

Timer section:-  
J702 (BIAS pin)

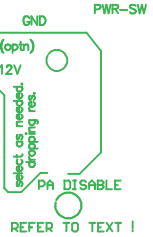
INTERNAL SPEAKERS IF NEEDED.  
(SWITCHED OFF IF 3.5mm JACK IS USED)

CAN USE SMA Conns>

13.8v DC input to tab.  
←

13.8v DC output to 20W PA  
(via reverse polarity relay)  
→

BIAS LINE TO PA's



TWN SHLD-AUDIO CABLE  
(CAN RUN VIA FRONT PANEL  
VOLUME POT. IF REQUIRED)

SHIELDED CABLES:  
1 DATA FROM PNM  
2 DATA TO PNM

SHIELDED WIRE

SHIELDED CABLE

40  
60  
80  
160

Tx  
Rx  
FROM C/O RELAY  
TO PA

RF TO 20W PA  
CO-AX CABLES  
Rx IN FROM C/O RELAY

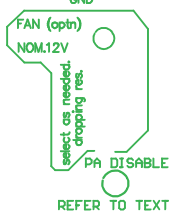
INT. SPKR L  
GND  
INT. SPKR R

KEY IN  
'DOT'  
PTT IN  
'DASH'

WIRE TO MIC SOCKET

IF Trap

PWR-SW



13.8v DC output to 20W PA  
(via reverse polarity relay)  
→

BIAS LINE TO PA's

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Tx  
Rx  
FROM C/O RELAY  
TO PA

RF TO 20W PA  
CO-AX CABLES  
Rx IN FROM C/O RELAY

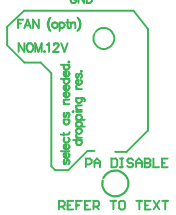
INT. SPKR L  
GND  
INT. SPKR R

KEY IN  
'DOT'  
PTT IN  
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WIRE TO MIC SOCKET

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BIAS LINE TO PA's