

## CEA PCB (AV input + Printer Port)

- rca video + audio input
- RGB digital input
- MSX printer port

## DMB PCB (Front panel)

- channel switches+tuner pots+msx reset/load/run buttons

## DNF PCB (Tube neck)

### NOTE!

Fat RED wire (not the big red wire for anode)  
from flyback transformer

Fat BLACK wire  
from flyback transformer

NOTE!  
Separate thick ground wires towards:  
-tube ground  
-tuner box metal  
-AV Input/PrinterPort PCB  
goes to white box

## IF BOX PCB

## T501 transformer

When measuring resistance between transformer pins:  
-1,2 have about zero ohms between themselves  
-3,4,5 have about zero ohms between themselves  
-6,7,8,9,10,11 have about zero ohms between themselves  
-10,10.1 we connected to ground  
-3,5,10 have about zero ohms between themselves

## 4CEC PCB

## 4CEB PCB

## 4CEE PCB

## 4CED PCB

## MSX PCB

Sheet: MSX PCB

File: msc\_pcb55

RF box schematics is not drawn

Sheet: /  
File: paxon\_pct55.sch

Title: Paxon PCT-55 schematics by Popolon.

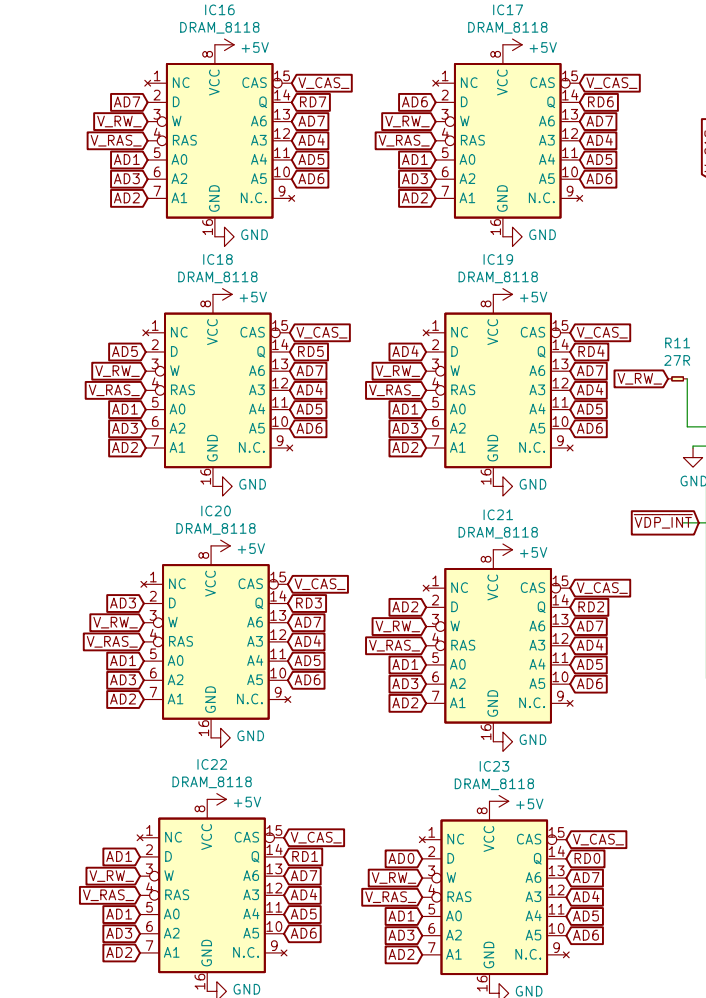
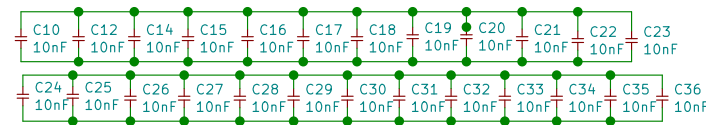
Size: A1 Date:

Kicad E.D.A. erichema (5.1.5)-3

Rev: 1/2



## Filter caps in pcb:



CONN-10  
CONN\_01x02  
SW2  
SW1  
(RRR) wires to P917  
in AV input PCB (+stot switch)

CONN-01x11  
CONN\_01x05  
PPort-14  
PPort-11  
PDB5 PPort-7  
PDB4 PPort-6  
PDB3 PPort-5  
PDB2 PPort-4  
PDB1 PPort-3  
PDB0 PPort-2  
PSTB PPort-1  
PDB7 PPort-9  
PDB6 PPort-8

(XXX) wires to AV input PCB  
(Printer port)

PrinterPortCLOCK

IC24 74LS374

IC25D 74HC14

IC25E 74HC14

IC25F 74HC14

IC25G 74HC14

IC25H 74HC14

IC25I 74HC14

IC25J 74HC14

IC25K 74HC14

IC25L 74HC14

IC25M 74HC14

IC25N 74HC14

IC25O 74HC14

IC25P 74HC14

IC25Q 74HC14

IC25R 74HC14

IC25S 74HC14

IC25T 74HC14

IC25U 74HC14

IC25V 74HC14

IC25W 74HC14

IC25X 74HC14

IC25Y 74HC14

IC25Z 74HC14

IC25AA 74HC14

IC25AB 74HC14

IC25AC 74HC14

IC25AD 74HC14

IC25AE 74HC14

IC25AF 74HC14

IC25AG 74HC14

IC25AH 74HC14

IC25AI 74HC14

IC25AJ 74HC14

IC25AK 74HC14

IC25AL 74HC14

IC25AM 74HC14

IC25AN 74HC14

IC25AO 74HC14

IC25AP 74HC14

IC25AQ 74HC14

IC25AR 74HC14

IC25AS 74HC14

IC25AT 74HC14

IC25AU 74HC14

IC25AV 74HC14

IC25AW 74HC14

IC25AX 74HC14

IC25AY 74HC14

IC25AZ 74HC14

IC25BA 74HC14

IC25BB 74HC14

IC25BC 74HC14

IC25BD 74HC14

IC25BE 74HC14

IC25BF 74HC14

IC25BG 74HC14

IC25BH 74HC14

IC25BI 74HC14

IC25BJ 74HC14

IC25BK 74HC14

IC25BL 74HC14

IC25BM 74HC14

IC25BN 74HC14

IC25BO 74HC14

IC25BP 74HC14

IC25BQ 74HC14

IC25BR 74HC14

IC25BS 74HC14

IC25BT 74HC14

IC25BU 74HC14

IC25BV 74HC14

IC25BW 74HC14

IC25BX 74HC14

IC25BY 74HC14

IC25BZ 74HC14

IC25CA 74HC14

IC25CB 74HC14

IC25CC 74HC14

IC25CD 74HC14

IC25CE 74HC14

IC25CF 74HC14

IC25CG 74HC14

IC25CH 74HC14

IC25CI 74HC14

IC25CJ 74HC14

IC25CK 74HC14

IC25CL 74HC14

IC25CM 74HC14

IC25CN 74HC14

IC25CO 74HC14

IC25CP 74HC14

IC25CQ 74HC14

IC25CR 74HC14

IC25CS 74HC14

IC25CT 74HC14

IC25CU 74HC14

IC25CV 74HC14

IC25CW 74HC14

IC25CX 74HC14

IC25CY 74HC14

IC25CZ 74HC14

IC25DA 74HC14

IC25DB 74HC14

IC25DC 74HC14

IC25DD 74HC14

IC25DE 74HC14

IC25DF 74HC14

IC25DG 74HC14

IC25DH 74HC14

IC25DI 74HC14

IC25DJ 74HC14

IC25DK 74HC14

IC25DL 74HC14

IC25DM 74HC14

IC25DN 74HC14

IC25DO 74HC14

IC25DP 74HC14

IC25DQ 74HC14

IC25DR 74HC14

IC25DS 74HC14

IC25DT 74HC14

IC25DU 74HC14

IC25DV 74HC14

IC25DW 74HC14

IC25DX 74HC14

IC25DY 74HC14

IC25DZ 74HC14

IC25EA 74HC14

IC25EB 74HC14

IC25EC 74HC14

IC25ED 74HC14

IC25EE 74HC14

IC25EF 74HC14

IC25EG 74HC14

IC25EH 74HC14

IC25EI 74HC14

IC25EJ 74HC14

IC25EK 74HC14

IC25EL 74HC14

IC25EM 74HC14

IC25EN 74HC14

IC25EO 74HC14

IC25EP 74HC14

IC25EQ 74HC14

IC25ER 74HC14

IC25ES 74HC14

IC25ET 74HC14

IC25EU 74HC14

IC25EV 74HC14

IC25EW 74HC14

IC25EX 74HC14

IC25EY 74HC14

IC25EZ 74HC14

IC25FA 74HC14

IC25FB 74HC14

IC25FC 74HC14

IC25FD 74HC14

IC25FE 74HC14

IC25FF 74HC14

IC25FG 74HC14

IC25FH 74HC14

IC25FI 74HC14

IC25FJ 74HC14

IC25FK 74HC14

IC25FL 74HC14

IC25FM 74HC14

IC25FN 74HC14

IC25FO 74HC14

IC25FP 74HC14

IC25FQ 74HC14

IC25FR 74HC14

IC25FS 74HC14

IC25FT 74HC14

IC25FU 74HC14

IC25FV 74HC14

IC25FW 74HC14

IC25FX 74HC14

IC25FY 74HC14

IC25FZ 74HC14

IC25GA 74HC14

IC25GB 74HC14

IC25GC 74HC14

IC25GD 74HC14

IC25GE 74HC14

IC25GF 74HC14

IC25GG 74HC14

IC25GH 74HC14

IC25GI 74HC14

IC25GJ 74HC14

IC25GK 74HC14

IC25GL 74HC14

IC25GM 74HC14

IC25GN 74HC14

IC25GO 74HC14

IC25GP 74HC14

IC25GQ 74HC14

IC25GR 74HC14

IC25GS 74HC14

IC25GT 74HC14

IC25GU 74HC14

IC25GV 74HC14

IC25GW 74HC14

IC25GX 74HC14

IC25GY 74HC14

IC25GZ 74HC14

IC25HA 74HC14

IC25HB 74HC14

IC25HC 74HC14

IC25HD 74HC14

IC25HE 74HC14

IC25HF 74HC14

IC25HG 74HC14

IC25HH 74HC14

IC25HI 74HC14

IC25HJ 74HC14

IC25HK 74HC14

IC25HL 74HC14

IC25HM 74HC14

IC25HN 74HC14

IC25HO 74HC14

IC25HP 74HC14

IC25HQ 74HC14

IC25HR 74HC14

IC25HS 74HC14

IC25HT 74HC14

IC25HU 74HC14

IC25HV 74HC14

IC25HW 74HC14

IC25HX 74HC14

IC25HY 74HC14

IC25HZ 74HC14

IC25IA 74HC14

IC25IB 74HC14

IC25IC 74HC14

IC25ID 74HC14

IC25IE 74HC14

IC25IF 74HC14

IC25IG 74HC14

IC25IH 74HC14

IC25II 74HC14

IC25IJ 74HC14

IC25IK 74HC14

IC25IL 74HC14

IC25IM 74HC14

IC25IN 74HC14

IC