

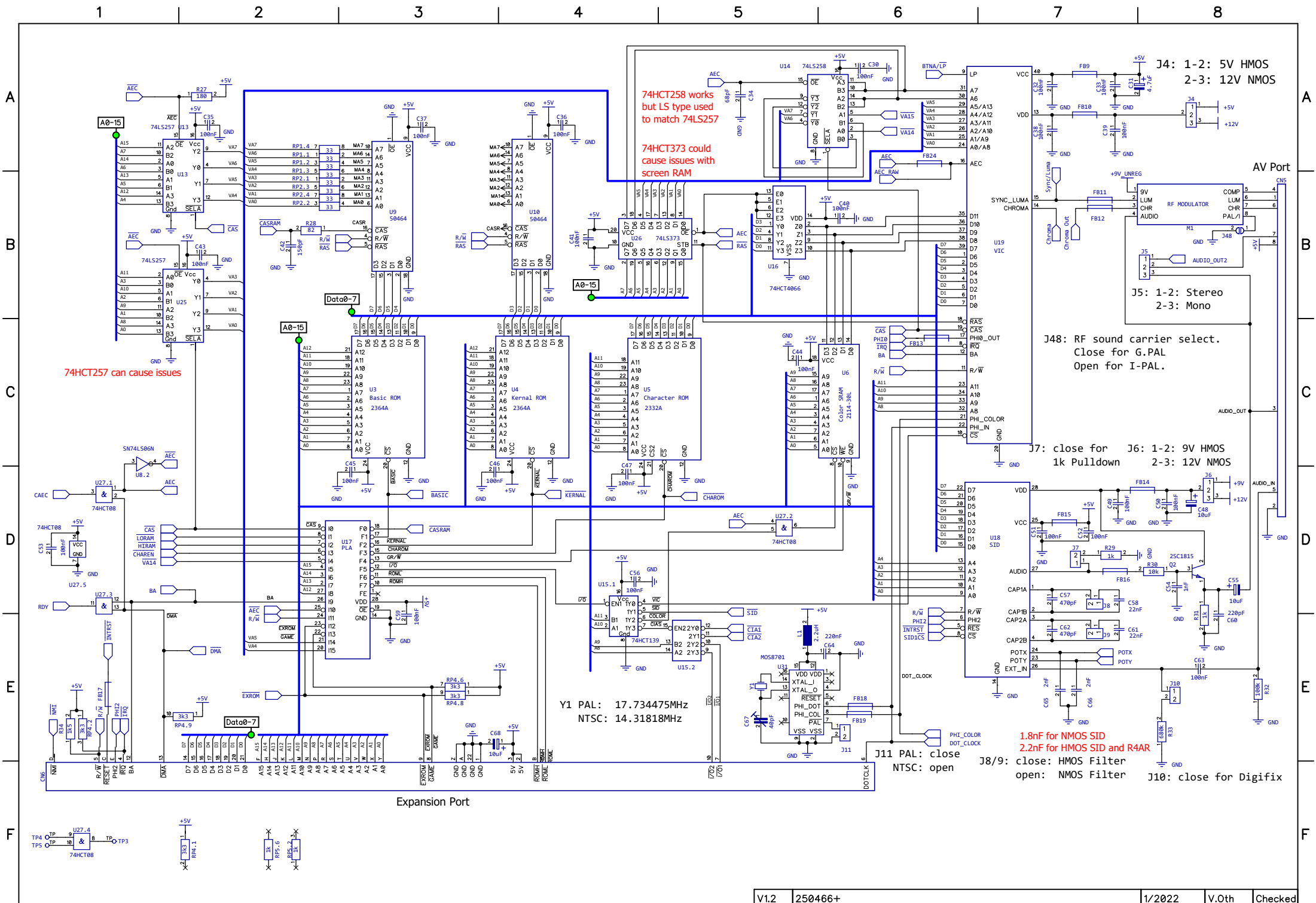
J49: 1-2: 9V for 9V_UNREG
 2-3: 12V for 9V_UNREG

J1: open: D=12 PAL (50Hz)
 close: D=10 NTSC (60Hz)

J2: Reset switch

J3: Close to enable
 hard reset

Original: 51pF



74HCT258 works but LS type used to match 74LS257

74HCT373 could cause issues with screen RAM

74HCT257 can cause issues

J4: 1-2: 5V HMOS
2-3: 12V NMOS

J5: 1-2: Stereo
2-3: Mono

J48: RF sound carrier select.
Close for G.PAL
Open for I-PAL.

J6: 1-2: 9V HMOS
2-3: 12V NMOS

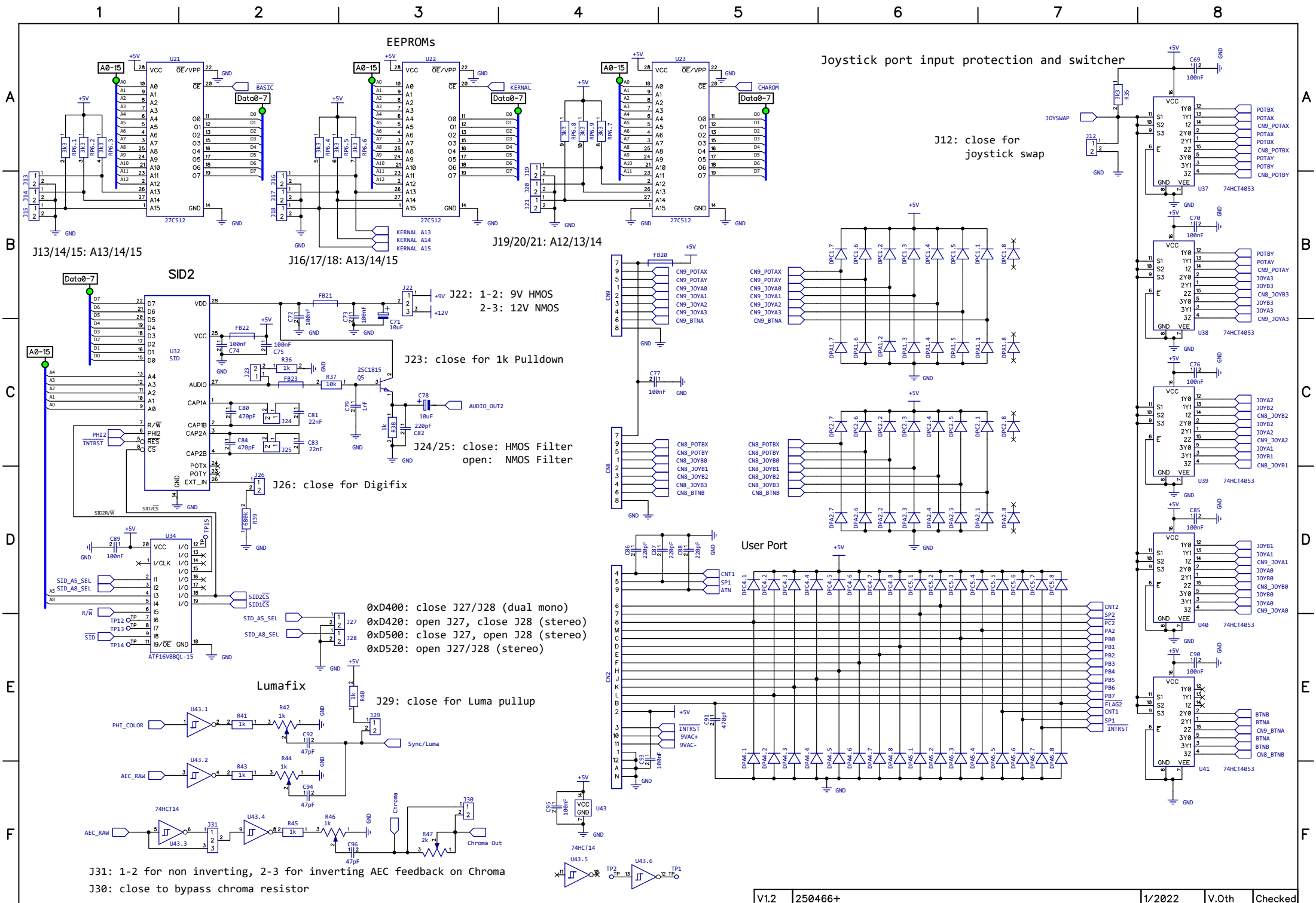
1.8nF for NMOS SID
2.2nF for HMOS SID and R4R

J8/9: close: HMOS Filter
open: NMOS Filter

J10: close for Digifix

Y1 PAL: 17.734475MHz
NTSC: 14.31818MHz

Expansion Port



EEPROMs

Joystick port input protection and switcher

A

A

B

B

C

C

D

D

E

E

F

F

J12: close for joystick swap

J13/14/15: A13/14/15

J16/17/18: A13/14/15

J19/20/21: A12/13/14

SID2

J22: 1-2: 9V HMOS
2-3: 12V NMOS

J23: close for 1k Pulldown

J24/25: close: HMOS Filter
open: NMOS Filter

J26: close for Digifix

0xD400: close J27/J28 (dual mono)
0xD420: open J27, close J28 (stereo)
0xD500: close J27, open J28 (stereo)
0xD520: open J27/J28 (stereo)

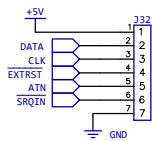
Lumafix

J29: close for Luma pullup

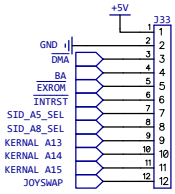
J31: 1-2 for non inverting, 2-3 for inverting AEC feedback on Chroma
J30: close to bypass chroma resistor

User Port

IEC

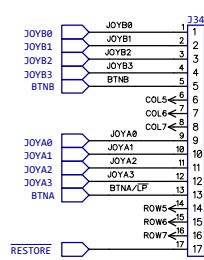


Microcontroller

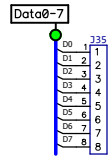


(use open drain outputs)

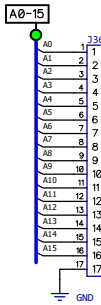
Joystick/Keyboard



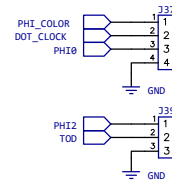
Data



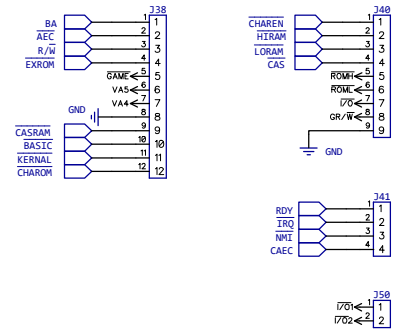
Address



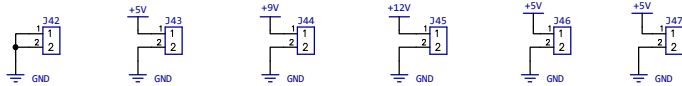
Frequencies



RAM/ROM/CS



Voltage and ground connectors



SMD diode network substitutes for D91 and D51 parts

