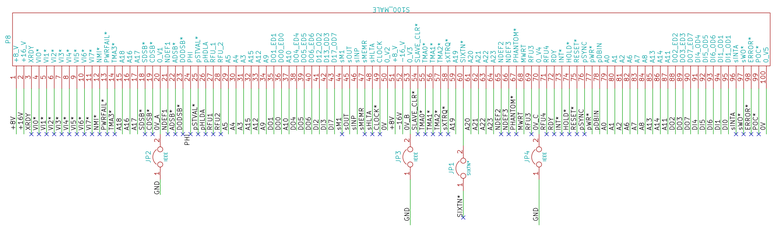

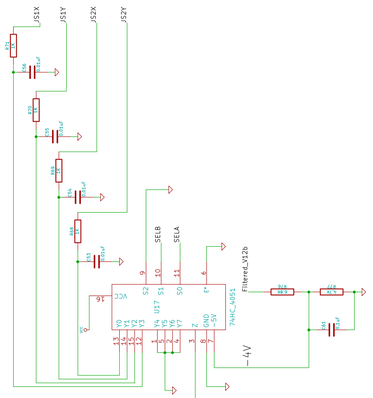

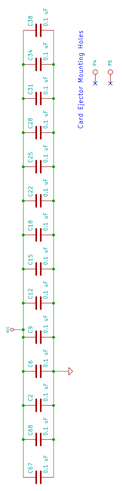

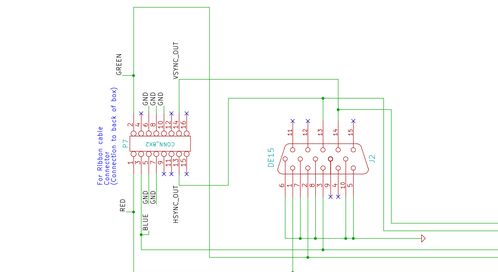

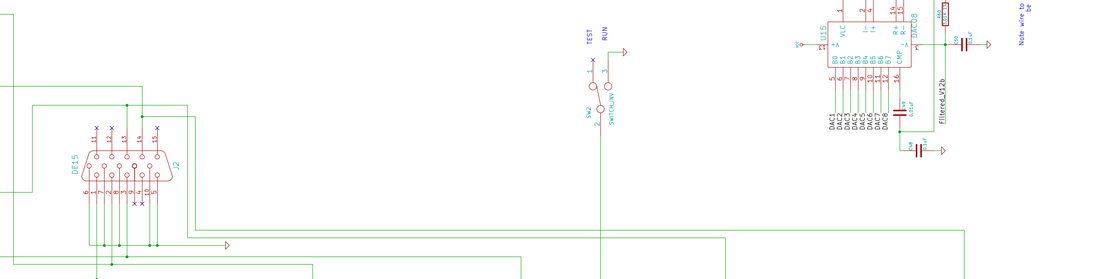

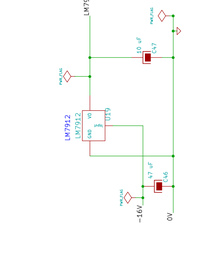

Atmel JTAG-A Socket
JTAG Socket
U6
ATF1504
U1
ATF-1504AS(-84LPLCC)
U2
CY7C135
PLCC-52
U3
ATF-1504AS(-84LPLCC)
EXTRA_PORT
SEL0
SEL1
SEL2
SEL3
SEL4
SEL5
SEL6
SEL7
SEL8
SEL9
SELA
SELB
SELC
SELD
SELE
SELF
Oscillator
10MHz
Oscillator
28.636MHz
OSC
Vcc
GND
Jumper 1-4 Color Map
Open = TV Dazzler
Closer = New map
Jumper 31-32 Page Map
Open = Normal page
Closed Show second page at +8000H
Jumpers 35-36 and 33-34 Video Outputs Modes
11 = Composite Video
10 = Composite+Sync Video
01 RGB-TV
00 RGB-I
SW5
High Port Address lines
Normally at A000
SW4
Duplex Cover Ports 0EH & 0FH
0, 00001114
SW3
Joystick Ports (D-7A)
Ports 19-1A
0, 00011xxx
SW1
Extra User Port
Extra Port Enable
to set page, mode etc.
SW6
RAM Extended Address
S100 Bus
Data In
S100 Bus
Data Out
Dazzler Mode
Jumper 1-2 Page Map
Open = Normal page
Closed Show second page at +8000H
Jumper 3-4 Color Map
Open = TV Dazzler
Closer = New map
Jumpers 35-36 and 33-34 Video Outputs Modes
11 = Composite Video
10 = Composite+Sync Video
01 RGB-TV
00 RGB-I
Node wire to U3 needs to be short than 3"
(Clock on Low to High)
JS1SW1
JS1SW2
JS1SW3
JS1SW4
JS1SW5
JS1SW6
JS2SW1
JS2SW2
JS2SW3
JS2SW4
JS1X
JS1Y
JS2X
JS2Y
JS1SPKR
JS2SPKR
+16V_adj
-16V_adj
R1
R2
R3
R4
R5
R6
R7
R8
R9
R10
R11
R12
R13
R14
R15
R16
R17
R18
R19
R20
R21
R22
R23
R24
R25
R26
R27
R28
R29
R30
R31
R32
R33
R34
R35
R36
R37
R38
R39
R40