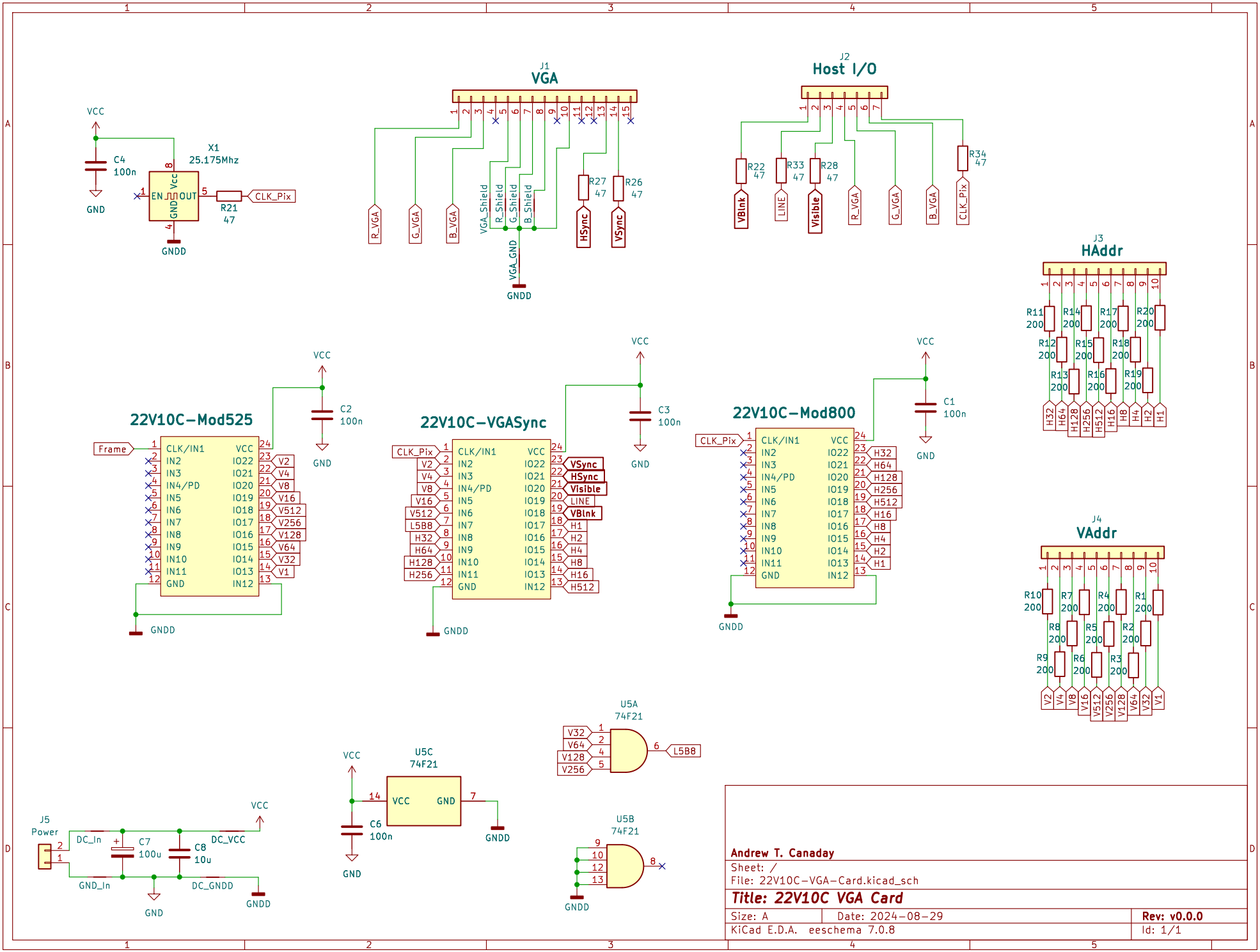
VCC
C4
100n
GND
X1
25.175Mhz
EN
OUT
Vcc
GND
GNDD
R21
47
CLK_Pix
J1
VGA
R_VGA
G_VGA
B_VGA
VGA_Shield
R_Shield
G_Shield
B_Shield
VGA_GND
R27
47
R26
47
HSync
VSync
J2
Host I/O
R22
47
R33
47
R28
47
R34
47
VBlnk
LINE
Visible
R_VGA
G_VGA
B_VGA
CLK_Pix
J3
HAddr
R11
200
R12
200
R13
200
R14
200
R15
200
R16
200
R17
200
R18
200
R19
200
R20
200
H32
H64
H128
H256
H512
H16
H8
H4
H2
H1
22V10C-Mod525
Frame
CLK/IN1
IN2
IN3
IN4/PD
IN5
IN6
IN7
IN8
IN9
IN10
IN11
GND
VCC
IO22
IO21
IO20
IO19
IO18
IO17
IO16
IO15
IO14
IO13
IN12
V2
V4
V8
V16
V512
V256
V128
V64
V32
V1
C2
100n
22V10C-VGASync
CLK_Pix
L5B8
C3
100n
22V10C-Mod800
C1
100n
J4
VAddr
R10
200
R7
200
R4
200
R1
200
R8
200
R5
200
R2
200
R9
200
R6
200
R3
200
U5A
74F21
V32
V64
V128
V256
L5B8
U5C
74F21
C6
100n
U5B
74F21
J5
Power
DC_In
C7
100u
C8
10u
DC_VCC
GND_In
DC_GNDD
Andrew T. Canaday
Sheet: /
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Title: 22V10C VGA Card
Size: A
Date: 2024-08-29
Rev: v0.0.0
KiCad E.D.A. eeschema 7.0.8
Id: 1/1