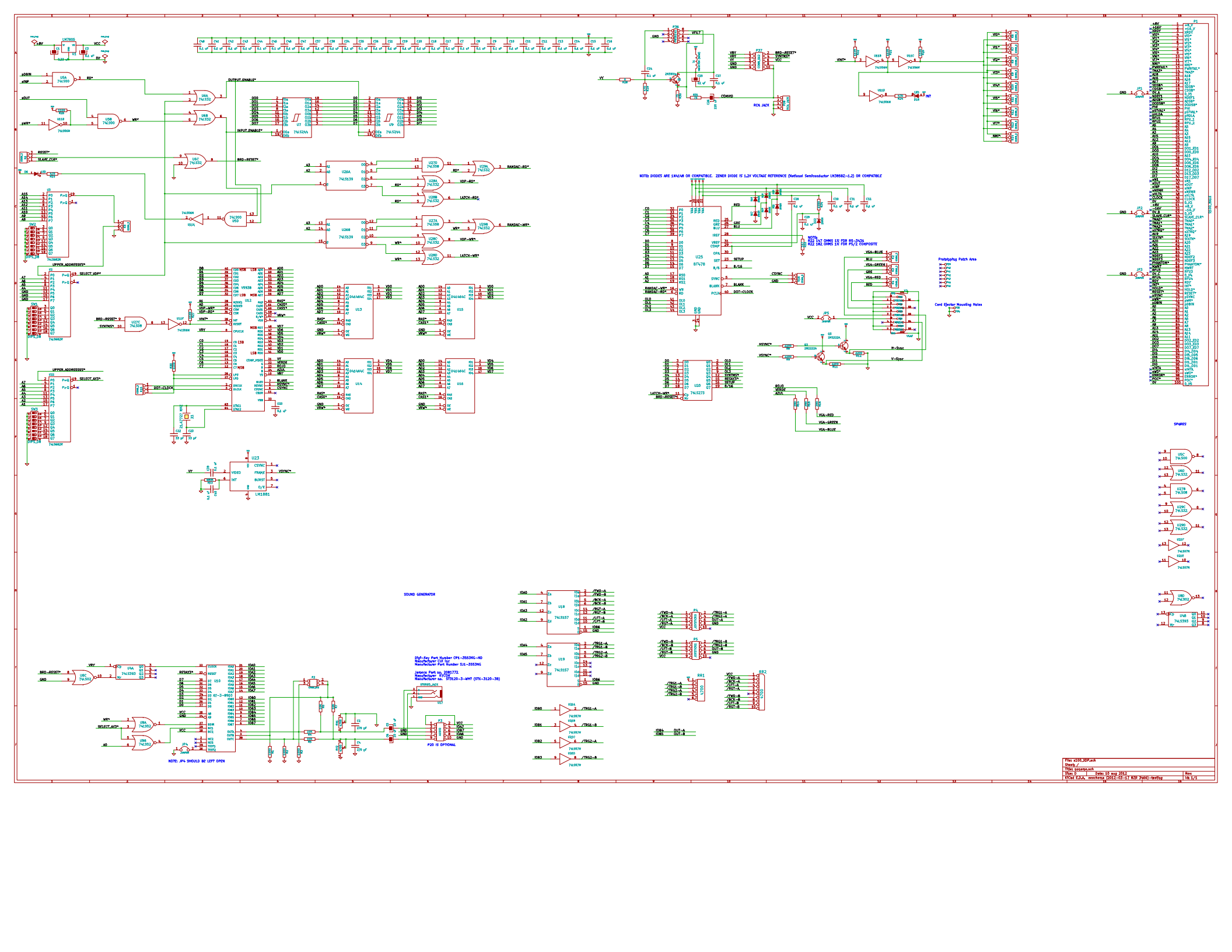
LM7805
5V
VCC
0V
OUTPUT_ENABLE*
INPUT_ENABLE*
SLAVE_CLK*
RESET*
BRD-RESET*
UPPER_ADDRESSES*
SELECT_VDP*
SELECT_AY3*
DOT_CLOCK
VDP-WR*
VDP-RD*
RAMDAC-RD*
RAMDAC-WR*
VDP-RD*
VDP-WR*
LATCH-RD*
LATCH-WR*
VDP_VIDEO
VDP_SYNC
VDP_RGB
VDP_INT
VDP_RESET
VDP_CSR
VDP_CSW
VDP_MODE
VRAM_A14
VRAM_A15
VRAM_WE
VRAM_OE
VRAM_CAS
VRAM_RAS
VRAM_D0
VRAM_D1
VRAM_D2
VRAM_D3
VRAM_D4
VRAM_D5
VRAM_D6
VRAM_D7
VRAM_A0
VRAM_A1
VRAM_A2
VRAM_A3
VRAM_A4
VRAM_A5
VRAM_A6
VRAM_A7
VRAM_A8
VRAM_A9
VRAM_A10
VRAM_A11
VRAM_A12
VRAM_A13
VIDEO
CSYNC
FRAME
BURST
O/E
LM1881
NOTES DIODES ARE 1N4148 OR COMPATIBLE, ZENER DIODE IS 1.2V VOLTAGE REFERENCE (National Semiconductor LM385BZ-1.2) OR COMPATIBLE
R370 - 221 1x7 OHMS 1% FOR RS-343A
R22 182 OHMS 1% FOR RS/2 COMPOSITE
RED
GRN
BLU
SETUP
8/16
SYNC
BLANK
DOT-CLOCK
CSYNC
GND
VGA-BLUE
VGA-GREEN
VGA-RED
H-Sync
V-Sync
Prototyping Patch Area
Card Ejector Mounting Holes
SPARES
SOUND GENERATOR
Digi-Key Part Number CP1-3553NG-ND
Manufacturer CUI Inc
Manufacturer Part Number SJ1-3553NG
Jameco Part no. 2081772
Manufacturer KYCON
Manufacturer no. STX120-3-WHT (STX-3120-3B)
STEREO_JACK
P20 IS OPTIONAL
NOTE: JP4 SHOULD BE LEFT OPEN
SOUND_BOARD
Files v100_3DP.sch
Sheets /
Titles gecarge.sch
Size: D | Date: 10 aug 2012 | Rev:
KiCad E.D.A. eeschema (2012-03-17 BZR 3466)-testing
Id: 1/1