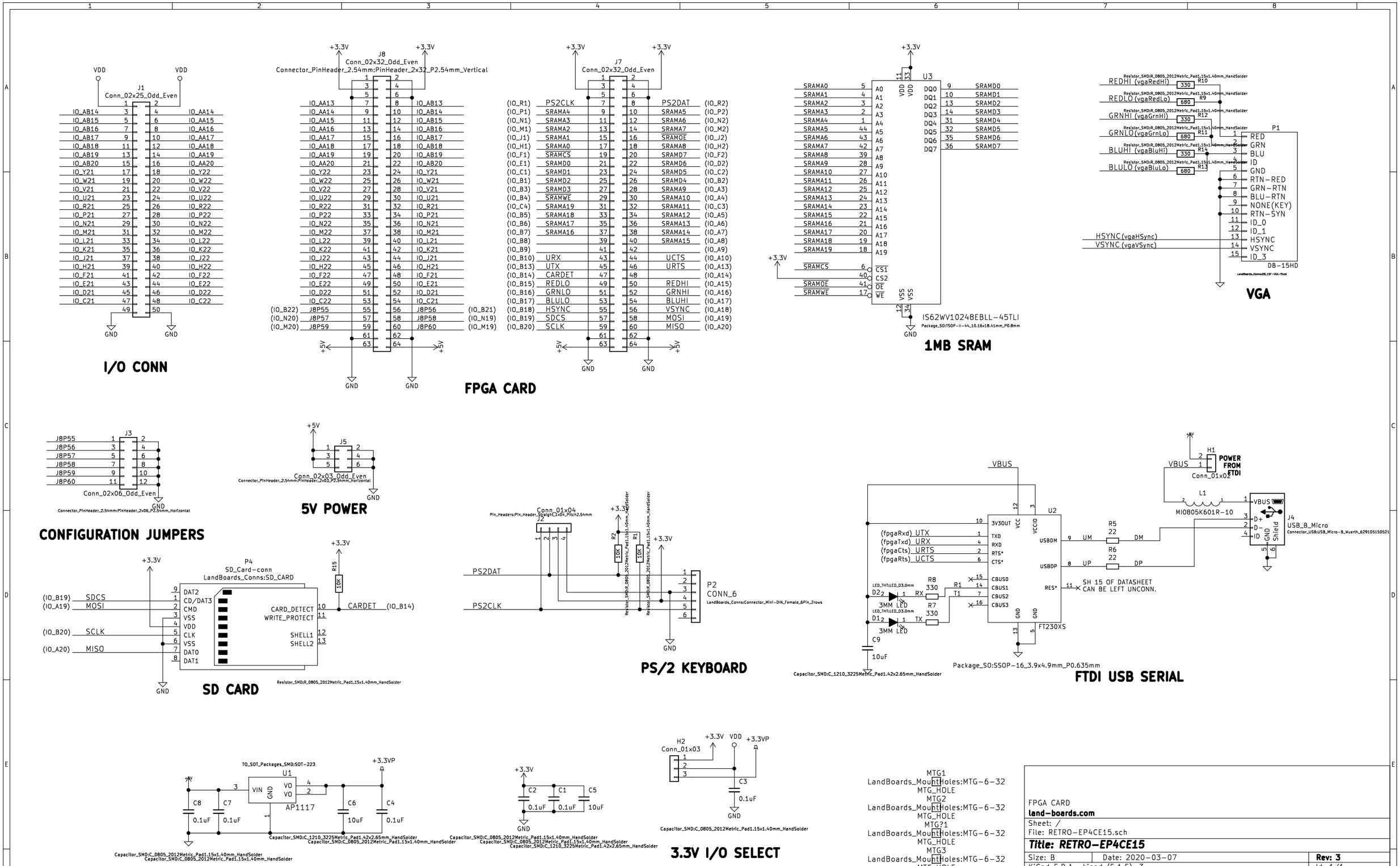
I/O CONN
J1
Conn_02x25_Odd_Even
VDD
GND
FPGA CARD
J8
Conn_02x32_Odd_Even
Connector_PinHeader_2.54mm:PinHeader_2x32_P2.54mm_Vertical
J7
Conn_02x32_Odd_Even
+3.3V
+5V
1MB SRAM
U3
IS62WV10248EBLL-45TLI
Package_SO:TSOP-II-44_10.16x18.41mm_P0.8mm
VGA
P1
DB-15HD
RED
GRN
BLU
ID
GND
RTN-RED
GRN-RTN
BLU-RTN
NONE(KEY)
RTN-SYN
ID_0
ID_1
HSYNC
VSYNC
ID_3
HSYNC(vgaHSync)
VSYNC(vgaVSync)
REDHI (vgaRedHi)
REDLO (vgaRedLo)
GRNHI (vgaGrnHi)
GRNLO(vgaGrnLo)
BLUHI (vgaBluHi)
BLULO (vgaBluLo)
CONFIGURATION JUMPERS
J3
Conn_02x06_Odd_Even
5V POWER
J5
Conn_02x03_Odd_Even
SD CARD
P4
SD_Card-conn
LandBoards_Conns:SD_CARD
CARDDET
PS/2 KEYBOARD
Conn_01x04
J2
P2
CONN_6
FTDI USB SERIAL
U2
FT230XS
VBUS
H1
POWER FROM FTDI
Conn_01x02
L1
MI0805K601R-10
J4
USB_B_Micro
Connector_USB:USB_Micro-B_Wuerth_629105150521
SH 15 OF DATASHEET CAN BE LEFT UNCONN.
Package_SO:SSOP-16_3.9x4.9mm_P0.635mm
3.3V I/O SELECT
U1
AP1117
TO_SOT_Packages_SMD:SOT-223
H2
Conn_01x03
MTG1
MTG2
MTG?1
MTG3
LandBoards_MountHoles:MTG-6-32
MTG_HOLE
FPGA CARD
land-boards.com
Sheet: /
File: RETRO-EP4CE15.sch
Title: RETRO-EP4CE15
Size: B
Date: 2020-03-07
Rev: 3
KiCad E.D.A. kicad (5.1.5)-3
Id: 1/1