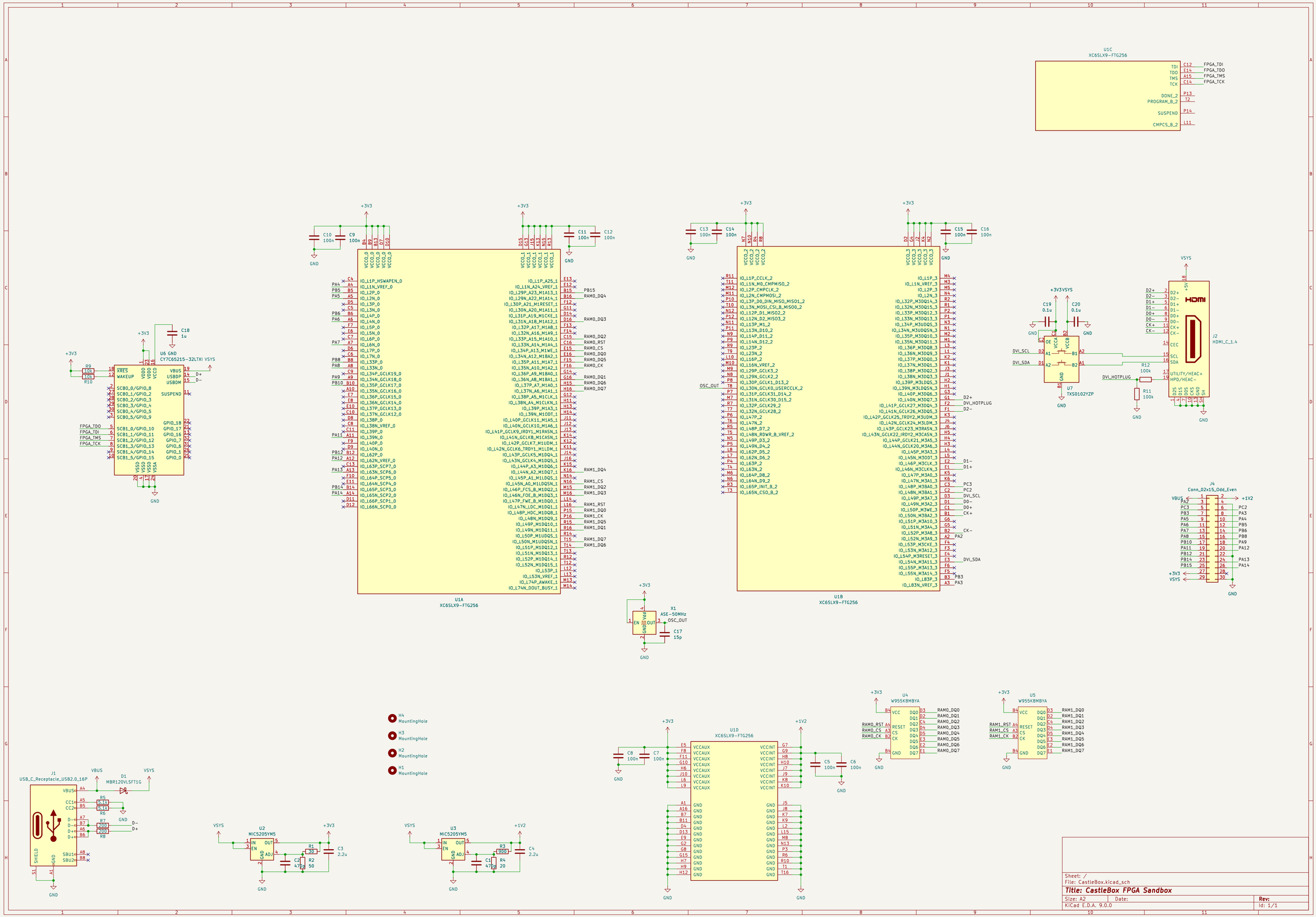
U1C
XC6SLX9-FTG256
TDI C12 FPGA_TDI
TDO E14 FPGA_TDO
TMS A15 FPGA_TMS
TCK C14 FPGA_TCK
DONE_2 P13
PROGRAM_B_2 T2
SUSPEND P14
CMPCS_B_2 L11
U1A
XC6SLX9-FTG256
U1B
XC6SLX9-FTG256
U1D
XC6SLX9-FTG256
U6 GND
CY7C65215-32LTXI
U7
TXS0102YZP
J2
HDMI_C_1.4
J4
Conn_02x15_Odd_Even
X1
ASE-50MHz
OSC_OUT
C17
15p
U2
MIC5205YM5
U3
MIC5205YM5
U4
W955K8MBYA
U5
W955K8MBYA
J1
USB_C_Receptacle_USB2.0_16P
D1
MBR120VLSFT1G
H4
MountingHole
H3
MountingHole
H2
MountingHole
H1
MountingHole
+3V3
+1V2
VSYS
VBUS
GND
DVI_SCL
DVI_SDA
DVI_HOTPLUG
D+
D−
FPGA_TDO
FPGA_TDI
FPGA_TMS
FPGA_TCK
RAM0_DQ4
RAM0_DQ3
RAM0_DQ2
RAM0_RST
RAM0_CS
RAM0_DQ0
RAM0_DQ5
RAM0_CK
RAM0_DQ1
RAM0_DQ6
RAM0_DQ7
RAM1_DQ4
RAM1_CS
RAM1_DQ2
RAM1_DQ3
RAM1_RST
RAM1_DQ0
RAM1_DQ6
RAM1_DQ7
RAM1_DQ1
RAM1_DQ5
RAM1_CK
PB15
PC3
PC2
PA3
PA4
PB5
PB6
PB8
PA9
PA12
PA13
PA14
PB3
Sheet: /
File: CastleBox.kicad_sch
Title: CastleBox FPGA Sandbox
Size: A2
Date:
Rev:
KiCad E.D.A. 9.0.0
Id: 1/1