

Sheet: VeraModule

VERA FPGA

File: vera-fpga.sch

Sheet: BusDecoder

BUS DECODER

File: busdecoder.sch

Sheet: Vera FPGA flash

VERA SPI FLASH
SD CARD INTERFACE

File: vera-fpga-flash.sch

Sheet: CartridgeInterface

CARTRIDGE INTERFACE

File: cartridgeInterface.sch

Sheet: PowerSupply

POWER SUPPLY

File: powersupply.sch

FIDUCIAL TOP

FID3
Fiducial

FID4
Fiducial

FIDUCIAL BOTTOM

FID2
Fiducial

FID1
Fiducial

LOGO1
VERA X16 LOGO

LOGO2
ATARI READY

LOGO3
KICAD DESIGN

LOGO4
ATARI DUO BUS

LOGO5
ESP32_B0BOARD

Gianluca Renzi
RetroBit Lab

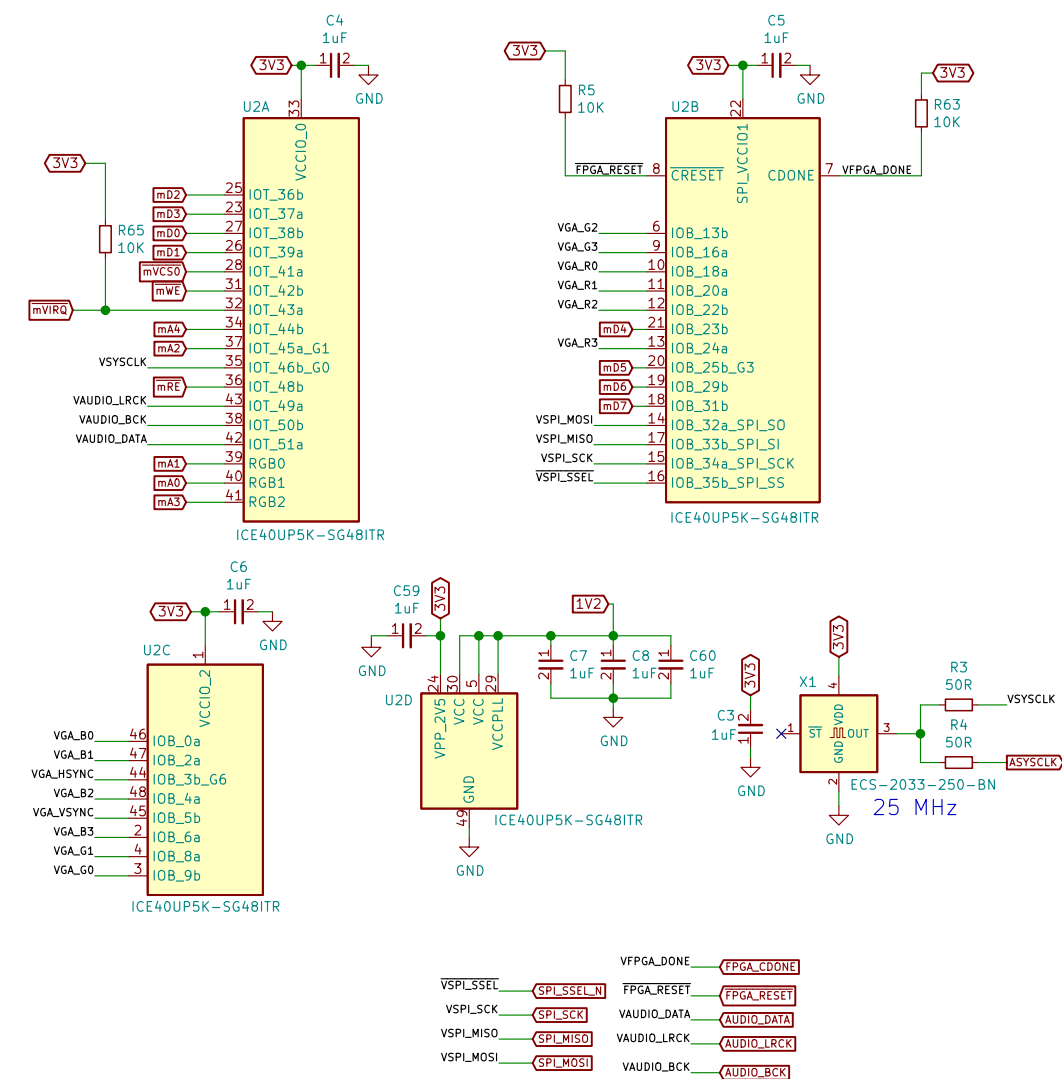
Sheet: /
File: VERA-MODULE-RBL.sch

Title: VERA FPGA Audio & Video Board

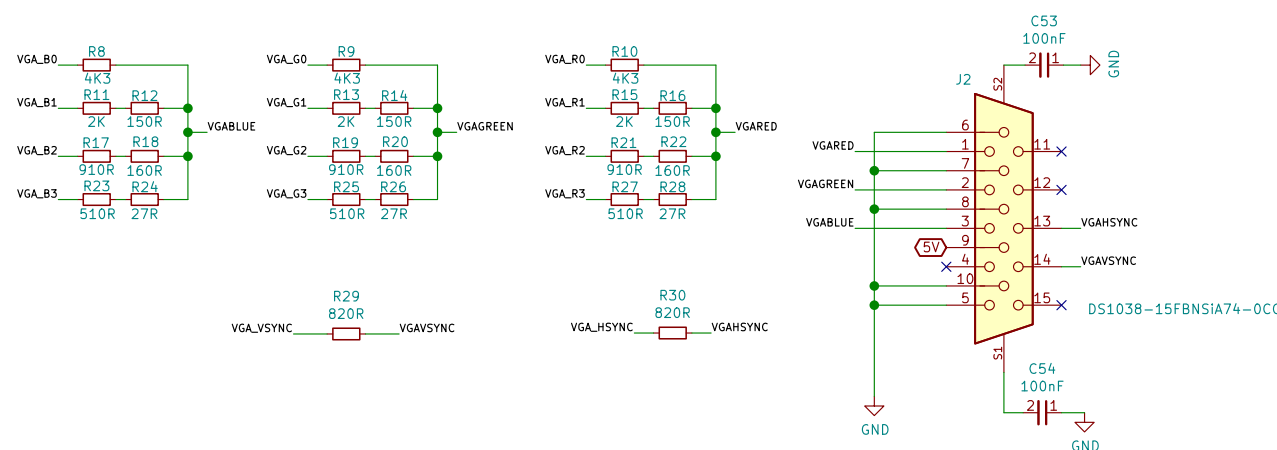
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KiCad E.D.A. kicad 5.1.9+dfsg1-1+deb11u1

Rev: 1.0
Id: 1/6

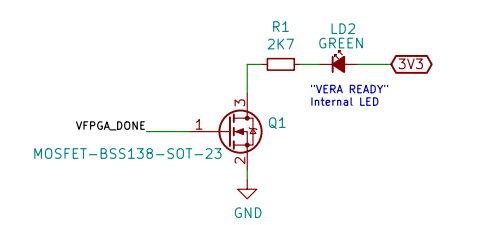
FPGA VERA LOGIC VIDEO & AUDIO CARD



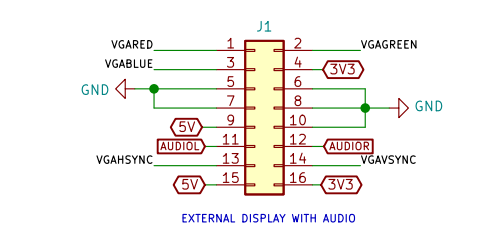
ANALOG VGA SIGNALS



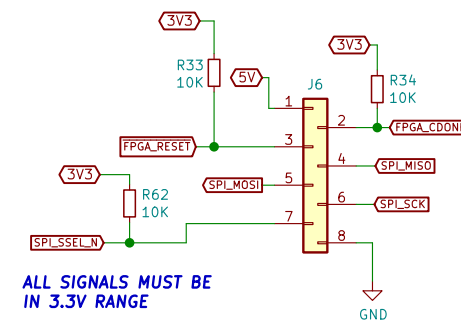
VERA FPGA PROGRAMMED OK



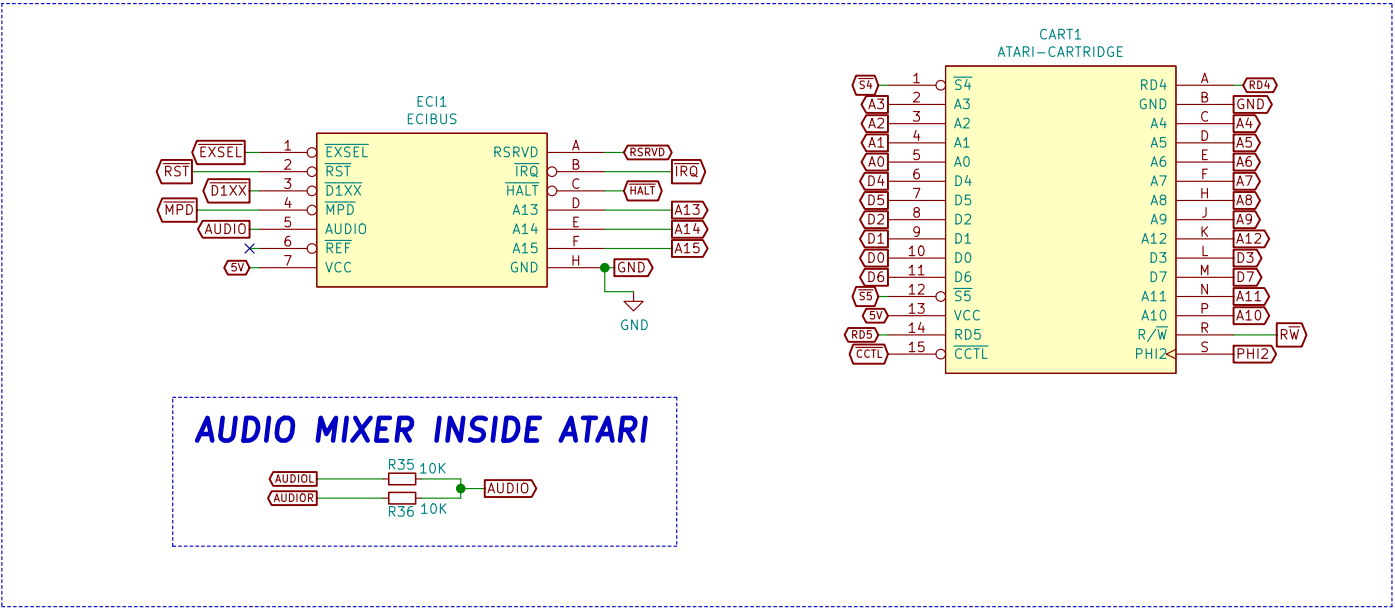
EXTERNAL VIDEO CONNECTOR



iceprog programmer USB FTDI / SPI



ATARI 130XE ECI & CARTRIDGE INTERFACE



BUS LOGIC LEVEL SHIFTERS

