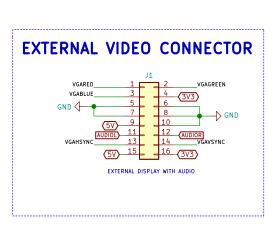
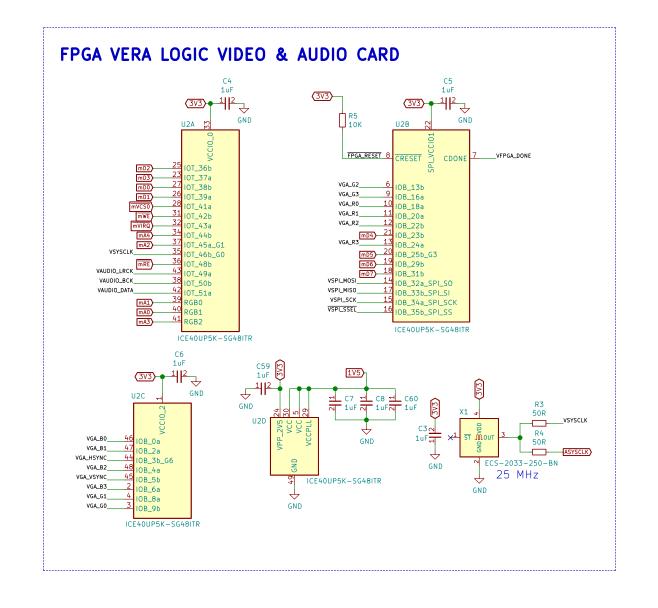
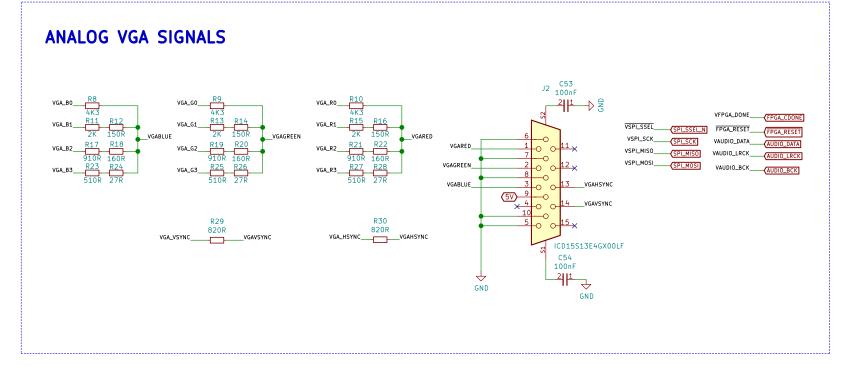
Sheet: VeraModule Sheet: BusDecoder **BUS DECODER VERA FPGA** File: vera-fpga.sch File: busdecoder.sch Sheet: CartridgeInterface Sheet: Vera FPGA flash Sheet: PowerSupply VERA SPI FLASH **POWER SUPPLY** CARTRIDGE INTERFACE SD CARD INTERFACE File: powersupply.sch File: vera—fpga—flash.sch File: cartridgeInterface.sch FIDUCIAL TOP FIDUCIAL BOTTOM L0G01 O FID3 O FID4 Fiducial O FID2 O FID1 Fiducial VERA X16 LOGO Gianluca Renzi RetroBit Lab Sheet: / File: VERA-MODULE-RBL.sch Title: VERA FPGA Audio & Video Board Size: A4 Date: 2025-09-08 Rev: 1.0

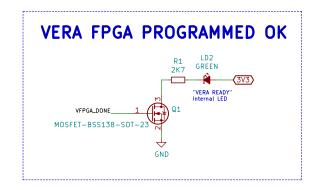
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ld: 1/6

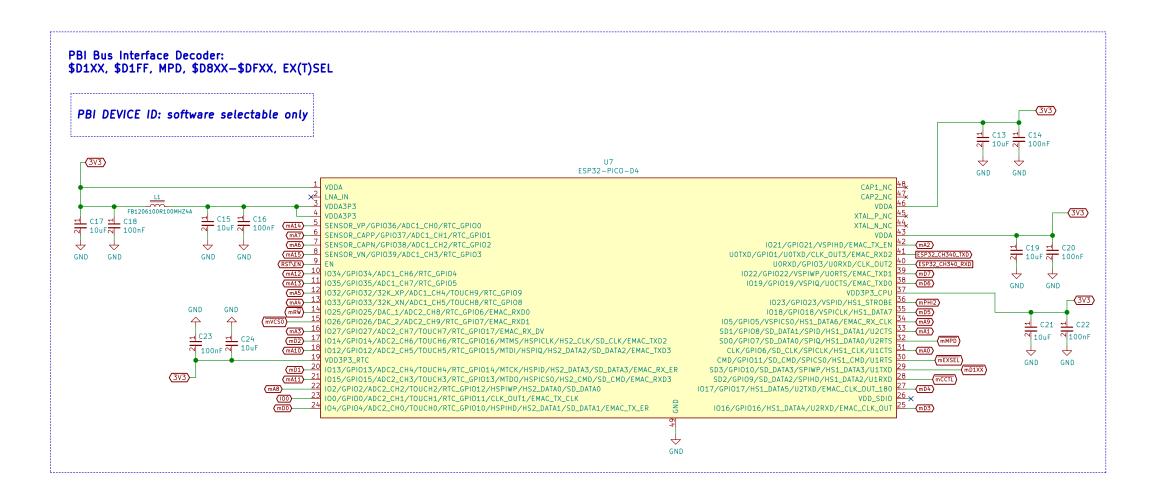


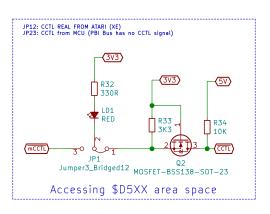


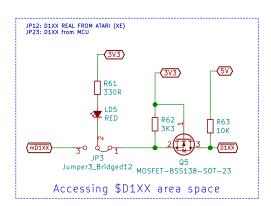




Gianluca Renzi				
RetroBit Lab				
Sheet: /VeraModule/				
File: vera-fpga.sch				
Title: VERA FPGA	PGA Audio & Video Board			
Size: A3 Date:	2025-09-08	Rev: 1.0		
KiCad E.D.A. kicad 5.1.	9+dfsg1-1+deb11u1	ld: 2/6		

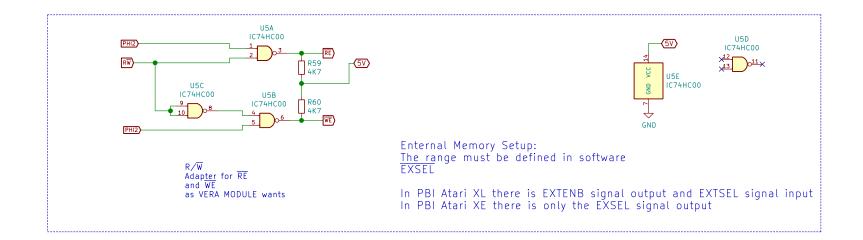


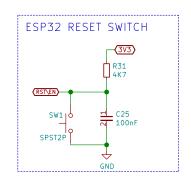




mVCSO active & A15..A0 \$D8XX-\$DFXX -> MPD active (Internal 2K ROM)

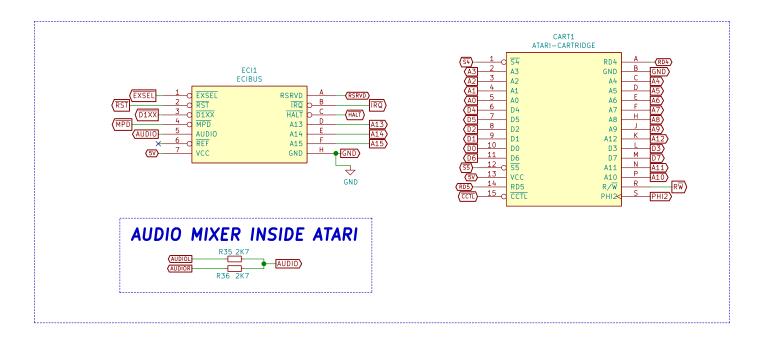
\$D1FF access & DATABUS = PBI DEVICE ID -> mVCSO active/deactive



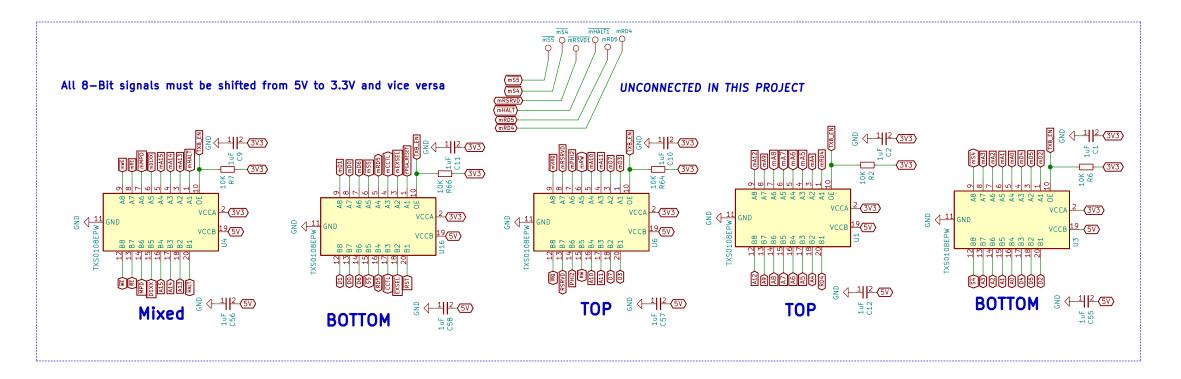


Gianluca Renzi RetroBit Lab		
File: busdecoder.sch		
Title: VERA FPGA Audio & Video Boa	⁻ d	
Size: A3 Date: 2025-09-08	Rev: 1.0	
KiCad E.D.A. kicad 5.1.9+dfsg1-1+deb11u1	ld: 3/6	
7	1 8	

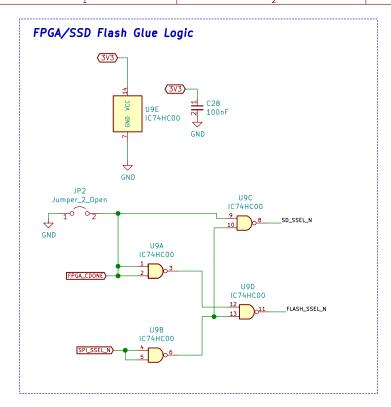
ATARI 130XE ECI & CARTRIDGE INTERFACE

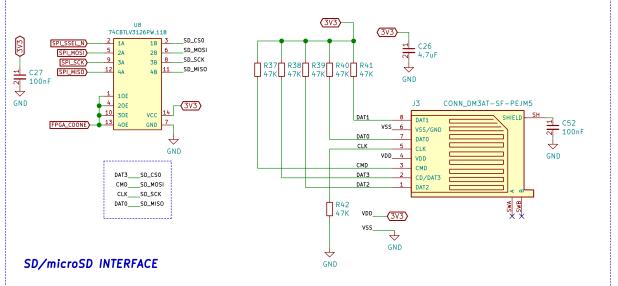


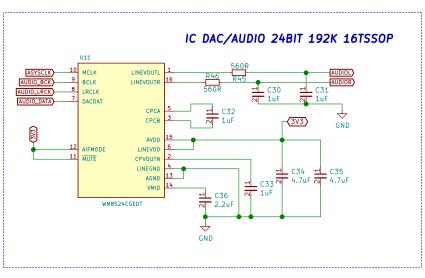
BUS LOGIC LEVEL SHIFTERS

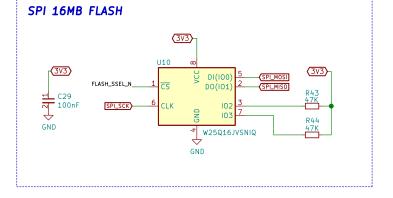


Gianluca Renzi			
RetroBit Lab			
Sheet: /CartridgeInterface/			
File: cartridgeInterface.sch			
Title: VERA FPGA Audio & Video Board			
Size: A3 Date: 2025-09-08	Rev: 1.0		
KiCad E.D.A. kicad 5.1.9+dfsg1-1+deb11u1	ld: 4/6		
7	8		







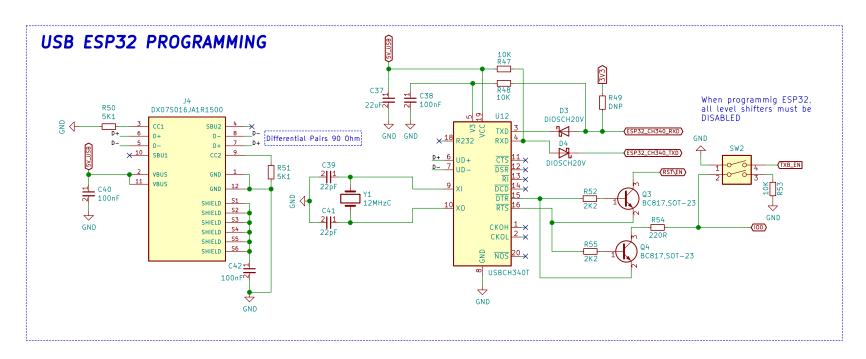


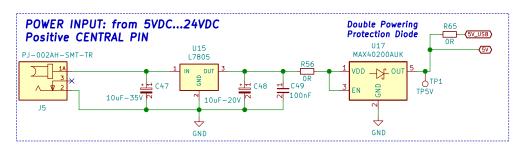
Gianluca Renzi
RetroBit Lab
Sheet: //vera FPGA flash/
File: vera-fpga-flash.sch

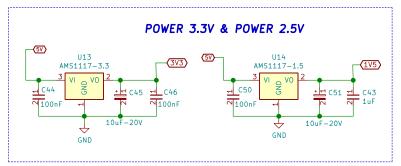
Title: VERA FPGA Audio & Video Board
Size: A4 Date: 2025-09-08

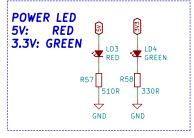
 Size: A4
 Date: 2025-09-08
 Rev: 1.0

 KiCad E.D.A. kicad 5.1.9+dfsg1-1+deb11u1
 Id: 5/6









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Sheet: /PowerSupply/ File: powersupply.sch

Title: VERA FPGA Audio & Video Board

 Size: A4
 Date: 2025-09-08
 Rev: 1.0

 KiCad E.D.A. kicad 5.1.9+dfsg1-1+deb11u1
 Id: 6/6