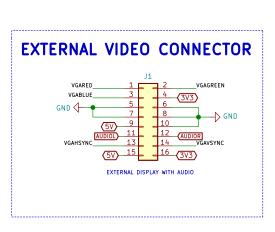
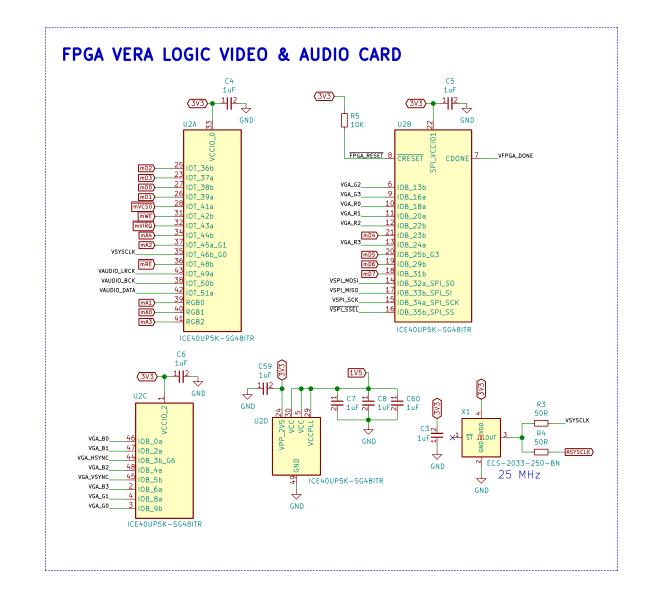
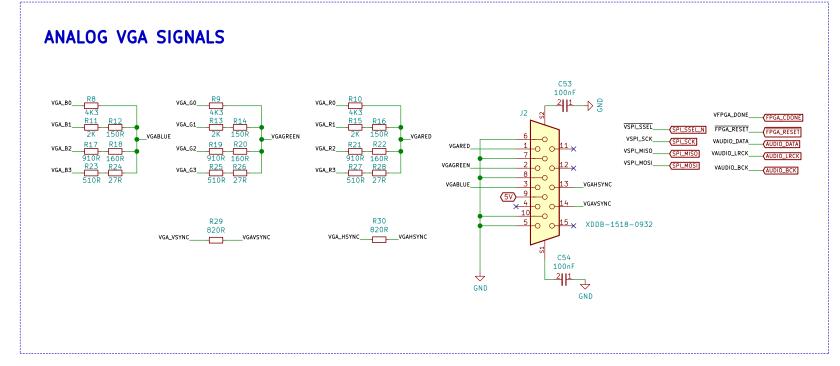
Sheet: VeraModule Sheet: BusDecoder **BUS DECODER VERA FPGA** File: vera-fpga.sch File: busdecoder.sch Sheet: CartridgeInterface Sheet: Vera FPGA flash Sheet: PowerSupply VERA SPI FLASH **POWER SUPPLY** CARTRIDGE INTERFACE SD CARD INTERFACE File: powersupply.sch File: vera—fpga—flash.sch File: cartridgeInterface.sch 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: 2025-09-09 Rev: 1.0

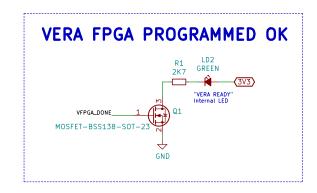
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ld: 1/6

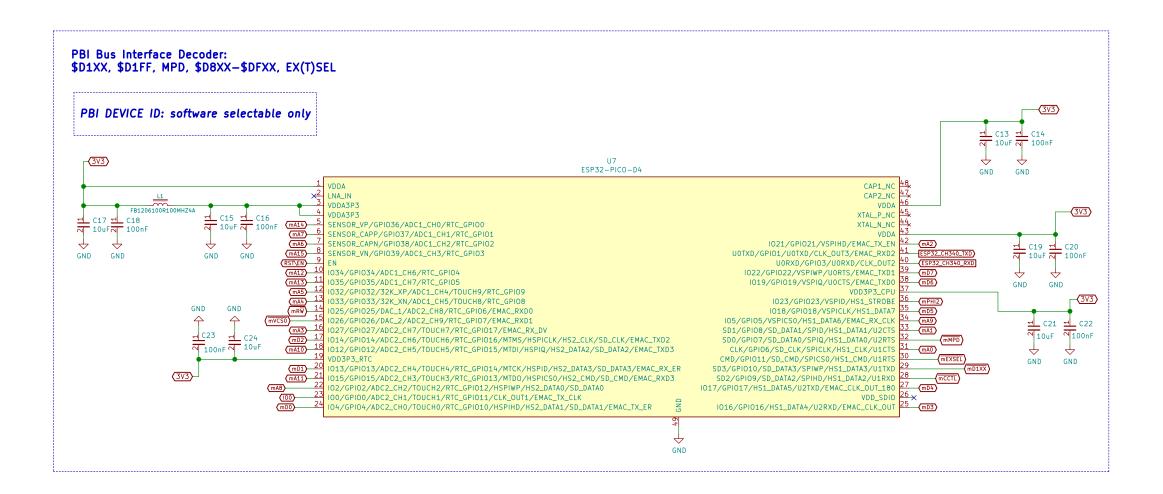


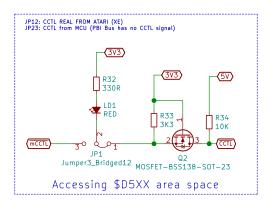


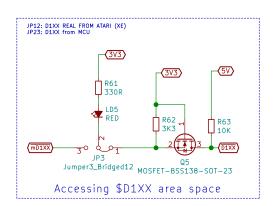




Gianluca Renzi						
RetroBit Lab						
Sheet: /VeraModul	Sheet: /VeraModule/					
File: vera-fpga.sc	File: vera-fpga.sch					
Title: VERA M	DDULE AND EXTERNAL	VIDEO CONNECTOR				
Size: A3	Date: 2025-09-09		Rev: 1.0			
KiCad E.D.A. kica	d 5.1.9+dfsg1—1+deb11u1		ld: 2/6			

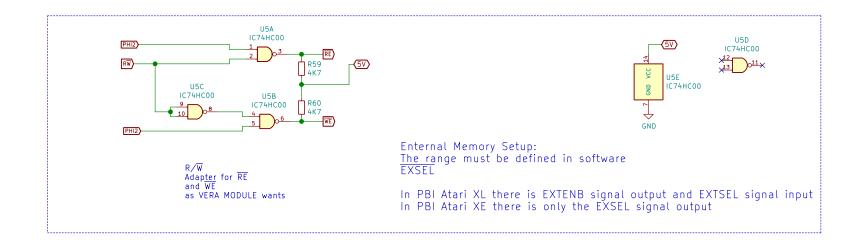


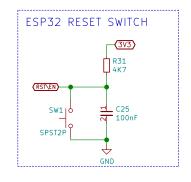




mVCSO active & A15..A0 \$D8XX-\$DFXX -> MPD active (Internal 2K ROM)

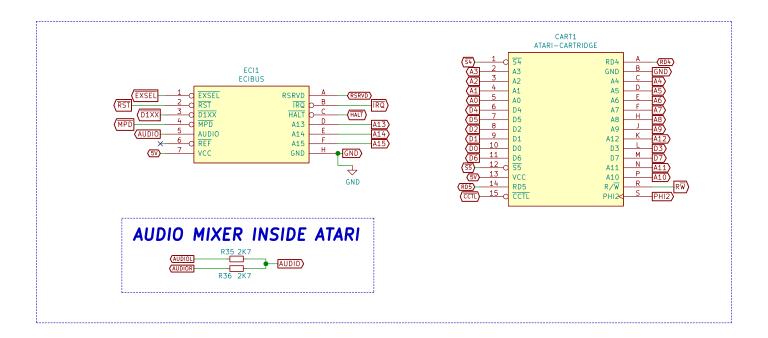
\$D1FF access & DATABUS = PBI DEVICE ID -> mVCSO active/deactive



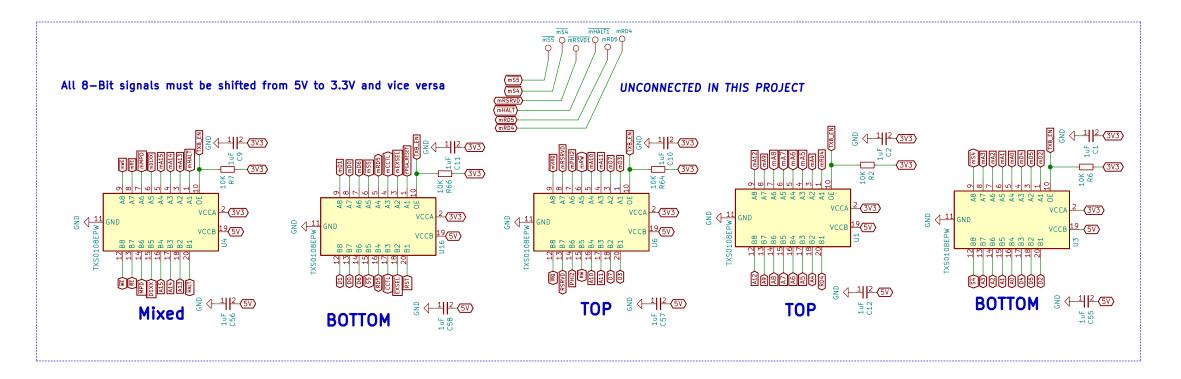


Gianluca Renzi		
RetroBit Lab		
Sheet: /BusDec	oder/	
File: busdecode	er.sch	
Title: BUS	DECODER	
Size: A3	Date: 2025-09-09	Rev: 1.0
KiCad E.D.A. k	icad 5.1.9+dfsg1-1+deb11u1	ld: 3/6
	7	8

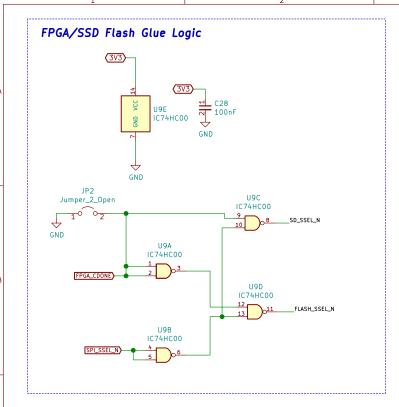
ATARI 130XE ECI & CARTRIDGE INTERFACE

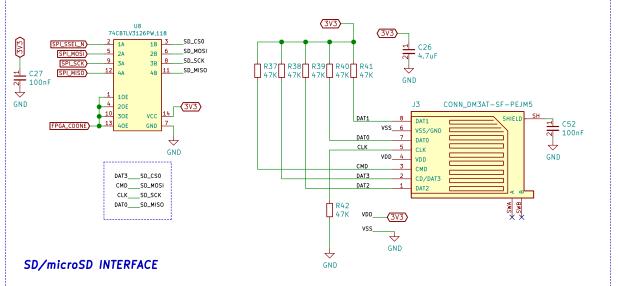


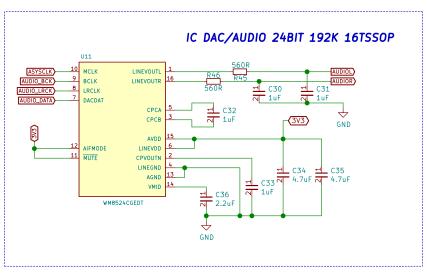
BUS LOGIC LEVEL SHIFTERS

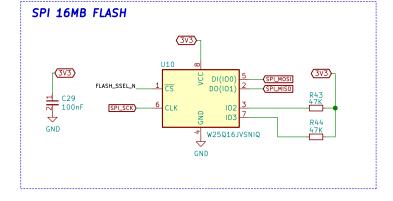


Gianluca Renzi RetroBit Lab					
Sheet: /CartridgeInterface/ File: cartridgeInterface.sch					
Title: CARTR					
Size: A3	Date: 2025-09-09			Rev: 1.0	
KiCad E.D.A. ki	ad 5.1.9+dfsg1-1+deb11u1			ld: 4/6	
	7			8	







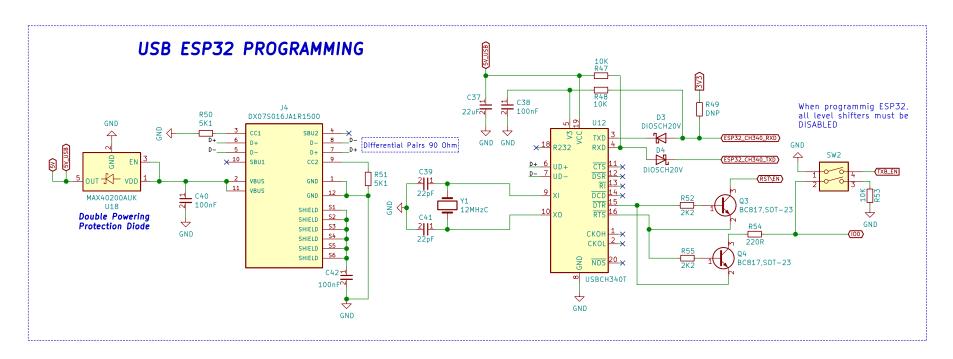


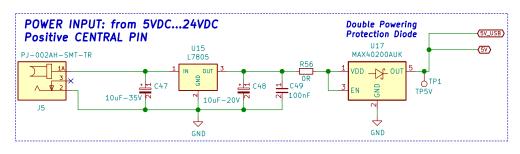
Gianluca Renzi
RetroBit Lab
Sheet: //vera FPGA flash/
File: vera-fpga-flash.sch

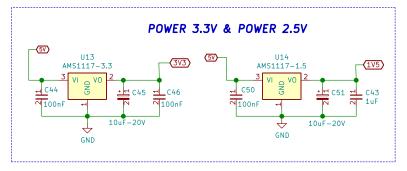
 Title: uSD Card and FLASH for FPGA

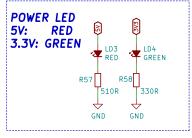
 Size: A4
 Date: 2025-09-09
 Rev: 1.0

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









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Sheet: /PowerSupply/ File: powersupply.sch

Title: POWERSUPPLY and USB

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

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