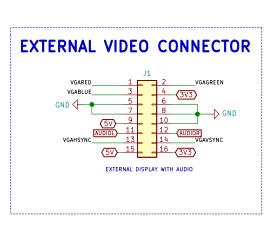
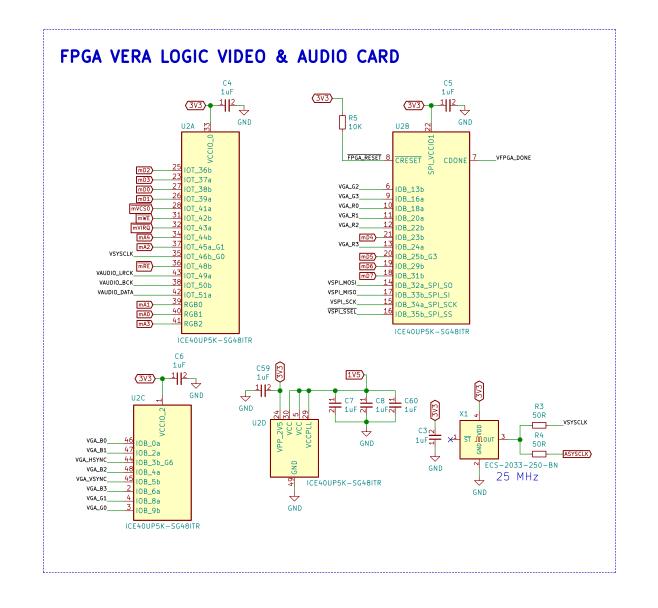
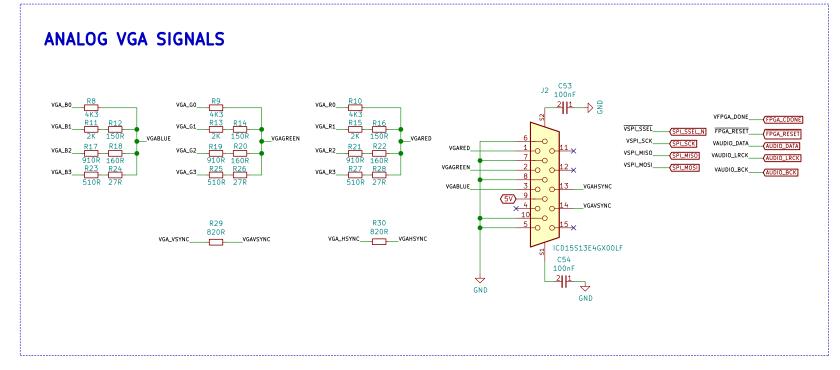
Sheet: VeraModule Sheet: BusDecoder **BUS DECODER VERA FPGA** File: vera-fpga.sch File: busdecoder.sch Sheet: CartridgeInterface Sheet: Vera FPGA flash Sheet: PowerSupply VERA SPI FLASH **POWER SUPPLY** CARTRIDGE INTERFACE SD CARD INTERFACE File: powersupply.sch File: cartridgeInterface.sch File: vera—fpga—flash.sch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

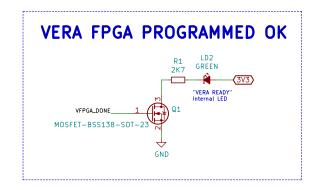
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ld: 1/6

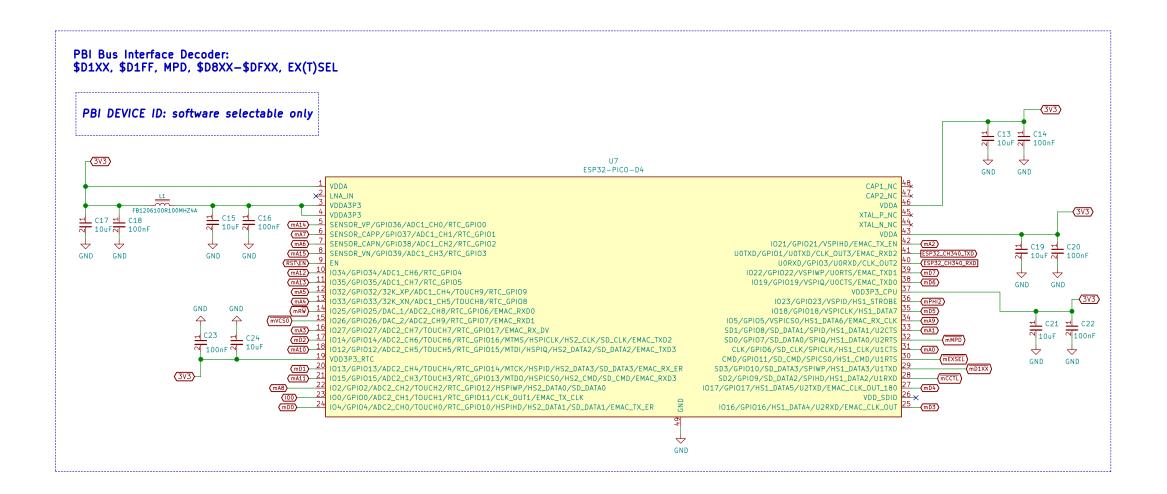


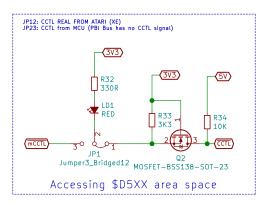


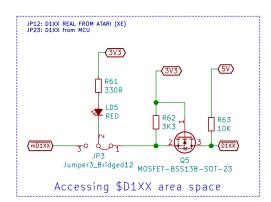




Gianluca Renzi						
RetroBit Lab						
Sheet: /VeraMod	Sheet: /VeraModule/					
File: vera-fpga.s	File: vera—fpga.sch					
Title:						
Size: A3	Date: 2025-09-08		Rev: 1.0			
KiCad E.D.A. kid	ad 5.1.9+dfsg1-1+deb11u1		ld: 2/6			
	7		8			

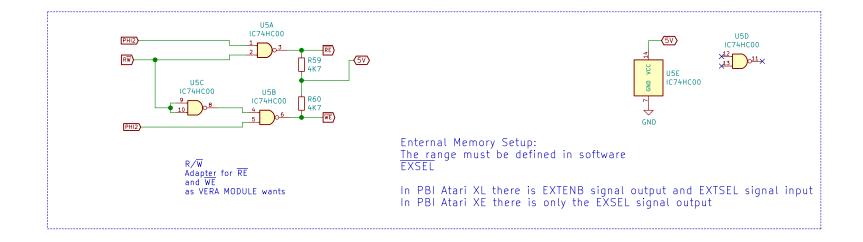


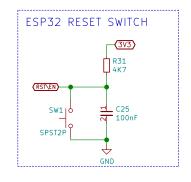




mVCSO active & A15..A0 \$D8XX-\$DFXX -> MPD active (Internal 2K ROM)

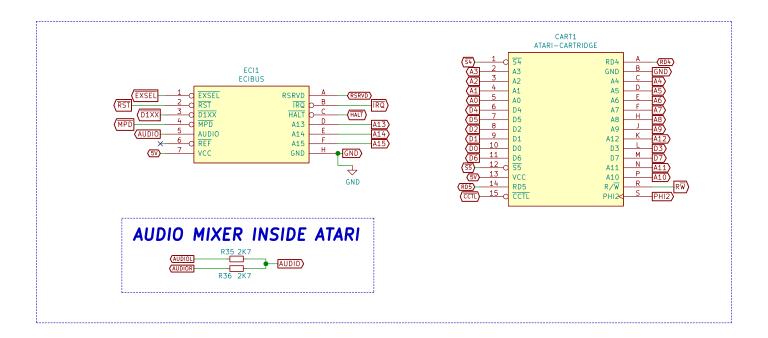
\$D1FF access & DATABUS = PBI DEVICE ID -> mVCSO active/deactive



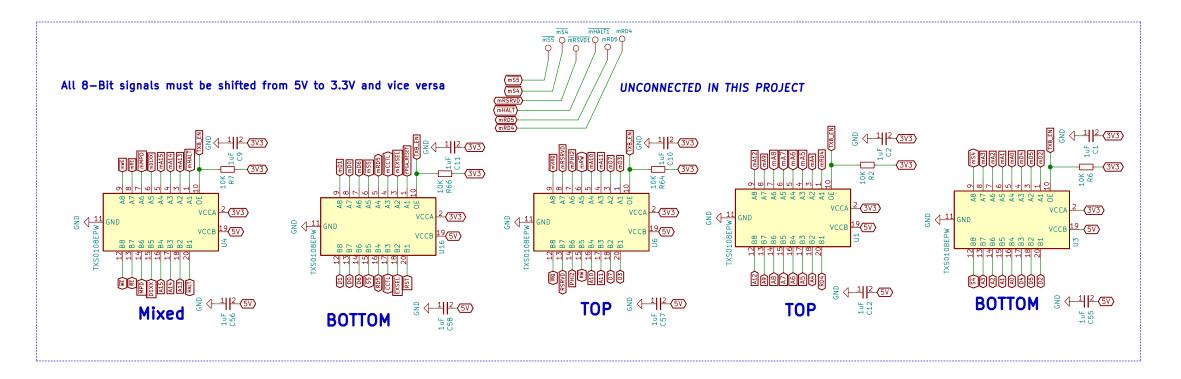


Gianluca Renzi					
RetroBit Lab					
Sheet: /BusDecoder/					
File: busdecoder.sch					
Title:					
Size: A3	Date: 2025-09-08	Rev: 1.0			
KiCad E.D.A. ki	cad 5.1.9+dfsg1-1+deb11u1	ld: 3/6			
	7	8			

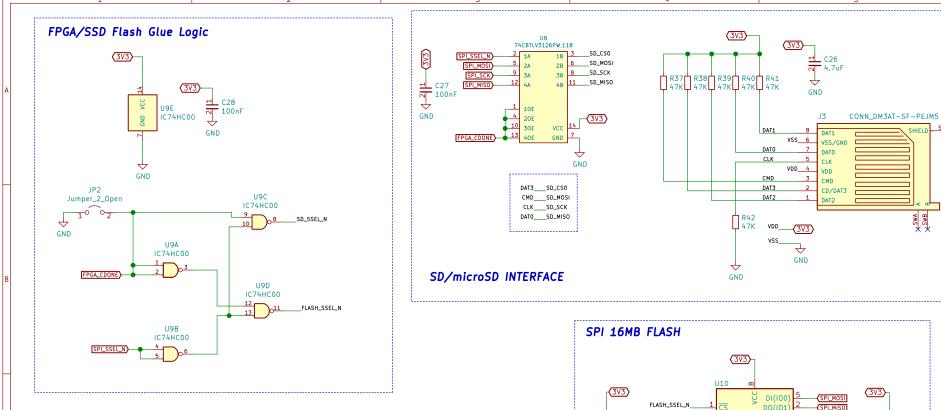
ATARI 130XE ECI & CARTRIDGE INTERFACE

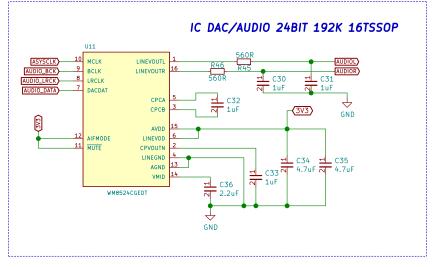


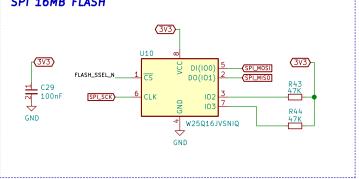
BUS LOGIC LEVEL SHIFTERS



	Gianluca	a Renzi					
	RetroBit Lab						
	Sheet: /CartridgeInterface/ File: cartridgeInterface.sch						
Title:							
	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	_







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RetroBit Lab
Sheet: /Vera FPGA flash/
File: vera-fpga-flash.sch
Title:

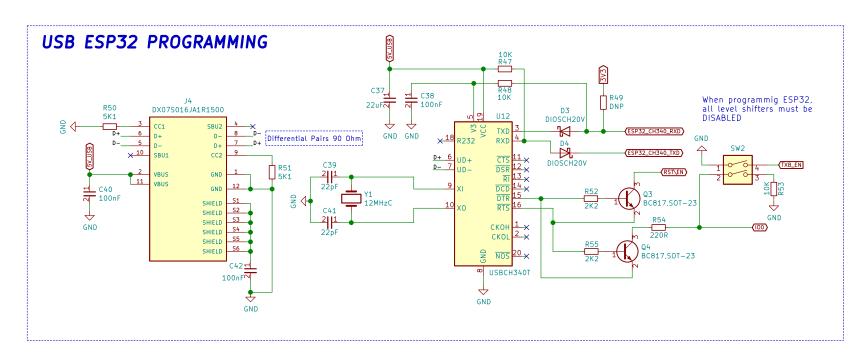
C52 N 100nF

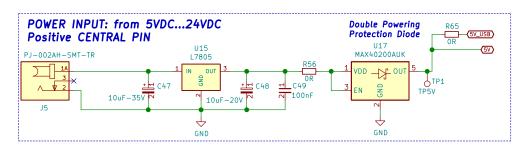
GND

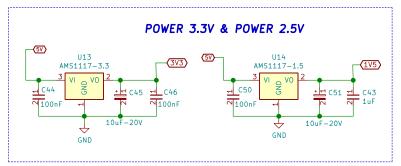
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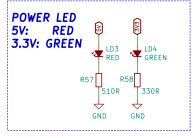
 Size: A4
 Date: 2025-09-08
 Rev: 1.0

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









Gianluca Renzi

RetroBit Lab

Sheet: /PowerSupply/ File: powersupply.sch

Title: VERA-XE VGA BOARD

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

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