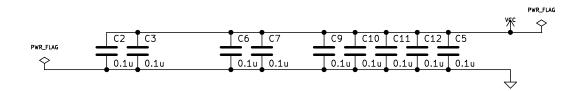
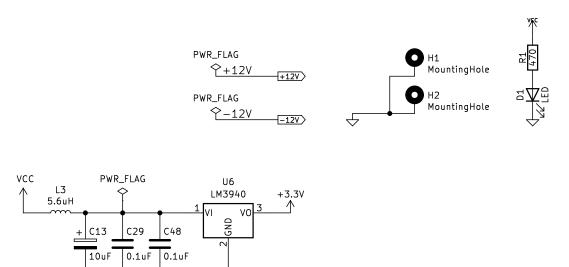
bus	VDP		10
File: bus.kicad_sch	File: VDP.kicad_sch		 File: IO.kicad_sch
power		buffers	
File: power kicad sch		File: buffers kicad sch	
File: power.kicad_sch		File: buffers.kicad_sch	

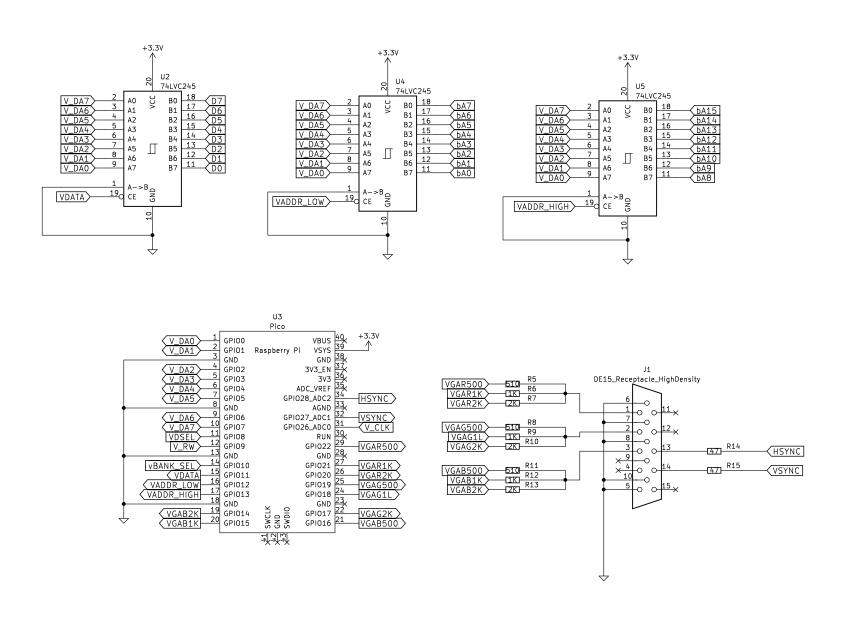
P3 CONN_02X25									
	VCC		1_02>		2	VCC			
⟨vcc −	D15	1		_		D31	-vcc>		
×-	D14	_ <u>3</u> _		-			- ×		
×-	D14	5_		_	6	D30 D29	\times		
×-	D12					D29 D28	\times		
×-	D11	9				D27	\times		
×-	D10	11		_		D27 D26	\times		
×-	D10	13		_			\times		
×-		15		_	.6	D25 D24	\times		
×-	D8	17					×		
(D7)—	D7	19			20	D23	×		
	D6	21				D22	×		
⟨D5⟩—	D5	23				D21	×		
<u>D4</u> >	D4	25				D20	- ×		
<u>D3</u> >	D3	_27		_		D19	×		
	D2	29	┗ -			D18	×		
(D1)—	D1	31	┗ -			D17	×		
<u> </u>	D0	33				D16	×		
×	<u>BUSERR</u>	35	L .	3		UDS	×		
×	<u>VPA</u>	37	L.	13	8	LDS	×		
×	<u>VMA</u>	39		4		S2	^		
×	BHE	41		4	2	S1	^		
	IPL2	43		4	4	S0	×		
×-	IPL1	45	ľ i	4	6	AUXCLK	₹)		
×-	IPL0	47				AUXCLK	Ž .		
×	GND	49				GND	*		
GND	0.10			╁		0.110	GND		
			P2						
		100	1_02	(25	5				
(vcc	VCC	1		1		VCC	-vcc>		
A15	A15	_3_	L.	Ŀ		A31	×		
A14	A14	5] (6	A30			
	A13	7	Γ.	_	В	A29	×		
A13>	A12	9				A28	- ×		
A12>	A11	11			.2	A27	×		
A11	A10	13		_		A26	\times		
A10	A9			_	-4	A25	\times		
A9>		15			.6	A25	\times		
	A8	17		_		A24	×		
(+12V	+12V	19				+12V	+12V		
A7>	A7	21		12		A23	A23		
A6 —	A6	23	L.	12	14	A22	A22		
A5>-	A5	25	Ι.	2	6	A21	A21		
	Α4	27				A20			
A4>	A3	29	Γ.			A19	A20		
A3>	A2	31	r -			A18	A19		
A2>	A1	33		_		A17	-√A18		
A1>—	AO	35				A16	—(A17)		
A0>—	-12V					-12V	-(A16)		
<u>-12V</u>	IC3	37			8	TEND1	-12V		
×	IC2	39					- ×		
×-		41				DREQ1	- ×		
×-	IC1	43		_		TENDO	- ×		
×-	IC0	45		_		DREQ0	×		
×	AUXCLK1	47		4		AUXCLK	<u>0</u> ;		
GND	GND	49	L.	5	0	GND	GND		
CHU				J			UND/		
		_	P1		_				
			1_02		5	VCC			
(VCC)	VCC	_1_		_		<u>VCC</u>	-vcc>		
	RD WD			-		E	×		
[₩R>—	WR_	_5_		_		ST	- ×		
IORQ	IORQ	7	Ļ -			PHI	×		
MREQ	<u>MR</u> EQ	9		1		INT2	-×		
M1>	M1	11	L.	1	.2	INT1	~		
	BUSACK	13		1	.4	CRUCLK	^ *		
X-	<u>CLK</u>	15	Γ		.6	CRUOUT			
CLK>	INT0	17	Γ.	_		CRUIN	×		
×-	NMI	19				RES_IN	- ×		
×-	RES_OUT	21	r -			USER8	-X		
×-	BUSRQ	23	-			USER7	-×		
×-	WAIT				16	USER6	\times		
×-	HALT	25	⊢ -		6	USER5	×		
×-		27					×		
×	RFSH_	29	┝ -			USER4	×		
×-	EIRQ7	31				USER3	×		
×	EIRQ6	33	ـ ـ			USER2	×		
×	EIRQ5	35	⊢ -	13		USER1	×		
×	EIRQ4	37	L -	13		<u>US</u> ER0	×		
×	EIRQ3	39	L -	4	0	BAI_			
	EIRQ2	41	Ľ.			BAO			
×-	EIRQ1	43	Γ -			IEI			
×-	EIRQ0	45	Γ	_		IEO	1		
×1	2C_SCL	47	Γ.			C_SDA	_		
×	GND	49	† -			GND	<u>*</u>		
GND	3.10	13		 			GND		

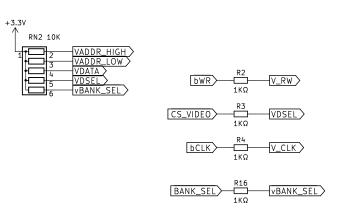


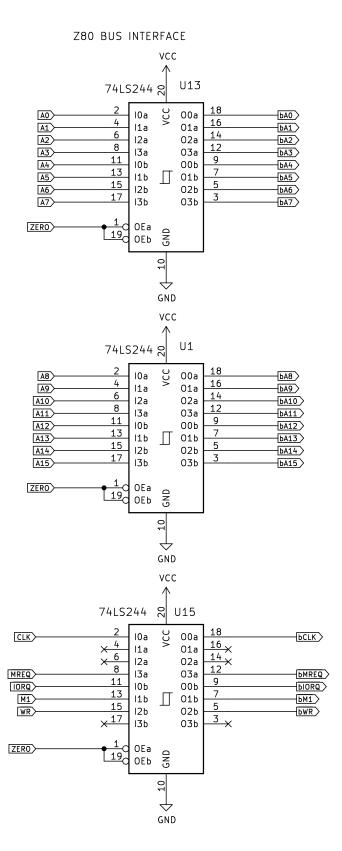


GND

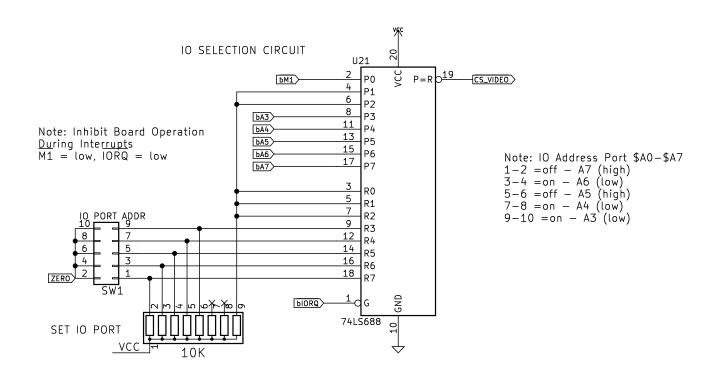
GND







Note: Buffers and Transceivers respond to IO and MEM cycles



RN1

