

3.3V BANK

— PCI
— LIMB
— Configuration

1.5V BANKS

— SDRAM
— CPU

BRIDGE1A
XC6SLX45—FGG484

CPU_D21	A3	IO_L1P_HSWAPEN_0
CPU_D18	A4	IO_L1N_VREF_0
	C5	IO_L2P_0
CPU_D17	A5	IO_L2N_0
	D6	IO_L3P_0
CPU_REQ1	D6	IO_L3N_0
CPU_REQ0	C6	IO_L4P_0
	A6	IO_L4N_0
CPU_ADDR0	C7	IO_L5P_0
	A7	IO_L5N_0
CPU_D13	A7	IO_L6P_0
CPU_D12	B8	IO_L6N_0
CPU_D9	A8	IO_L7P_0
CPU_D23	D9	IO_L7N_0
CPU_D26	C8	IO_L8P_0
CPU_D29	C9	IO_L8N_0
	A9	IO_L8N_VREF_0
CPU_CLK_OUT	D7	IO_L32P_0
CPU_WRD	D7	IO_L32N_0
	D10	IO_L33P_0
CPU_WAIT	C10	IO_L33N_0
	B10	IO_L34P_GCLK19_0
CPU_D5	B10	IO_L34N_GCLK18_0
CPU_D3	A10	IO_L35P_GCLK17_0
CPU_D0	C11	IO_L35N_GCLK16_0
CPU_D1	A11	IO_L36P_GCLK15_0
CPU_D31	D11	IO_L36N_GCLK14_0
	C12	IO_L37P_GCLK13_0
	B12	IO_L37N_GCLK12_0
	A12	IO_L38P_0
CPU_D20	C13	IO_L38N_VREF_0
	A13	IO_L49P_0
CPU_D19	D14	IO_L49N_0
CPU_D6	C14	IO_L50P_0
	B14	IO_L50N_0
	A14	IO_L51P_0
CPU_D11	C15	IO_L51N_0
CPU_D4	A15	IO_L62P_0
CPU_D14	D15	IO_L62N_VREF_0
CPU_D8	C16	IO_L63P_SCP7_0
	B16	IO_L63N_SCP6_0
CPU_D2	A16	IO_L64P_SCP5_0
	C17	IO_L64N_SCP4_0
	B17	IO_L65P_SCP3_0
	A17	IO_L65N_SCP2_0
	B18	IO_L66P_SCP1_0
	A18	IO_L66N_SCP0_0
CPU_D10	E16	VCC0_0
CPU_D7	D17	VCC0_0
	B11	VCC0_0
	B15	VCC0_0
	B19	VCC0_0
	B4	VCC0_0
	B7	VCC0_0
	E13	VCC0_0
	E17	VCC0_0
	E9	VCC0_0
	G10	VCC0_0
	G14	VCC0_0

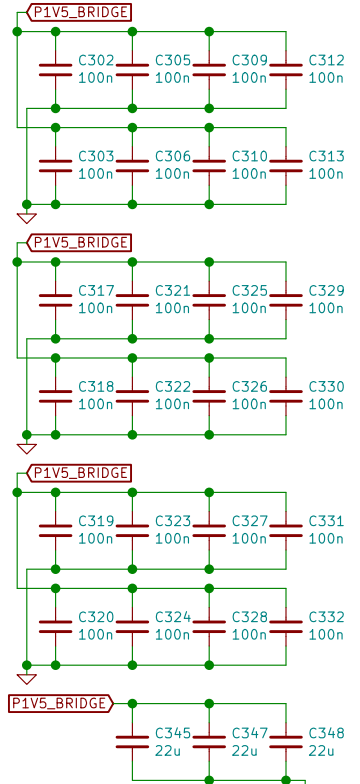
BRIDGE1B

A2	C19	IO_L1P_A25_1
	B20	IO_L1N_A24_VREF_1
	G16	IO_L9P_1
	F17	IO_L9N_1
	F16	IO_L10P_1
	F17	IO_L10N_1
	B21	IO_L19P_1
CK0_P	B22	IO_L19N_1
CK0_N	A20	IO_L20P_1
CK1_P	A20	IO_L20N_1
CK1_N	A21	IO_L21P_1
DQ35	K16	IO_L21N_1
	H16	IO_L28P_1
	H17	IO_L28N_VREF_1
	D19	IO_L29P_A23_M1A13_1
A10	D20	IO_L29N_A22_M1A14_1
A5	F18	IO_L30P_A21_M1RESET_1
A6	F19	IO_L30N_A20_M1A11_1
WE	D21	IO_L31P_A19_M1CKE_1
BA0	D22	IO_L31N_A18_M1A12_1
BA1	C20	IO_L32P_A17_M1A8_1
RAS	C22	IO_L32N_A16_M1A9_1
DQ32	F19	IO_L33P_A15_M1A10_1
DQ36	G20	IO_L33N_A14_M1A4_1
DM4	H19	IO_L34P_A13_M1WE_1
	H18	IO_L34N_A12_M1BA2_1
S0	E20	IO_L35P_A11_M1A7_1
CAS	E22	IO_L35N_A10_M1A2_1
	J17	IO_L36P_A9_M1BA0_1
DQ34	K17	IO_L36N_A8_M1BA1_1
	F22	IO_L37P_A7_M1A0_1
ODT0	F22	IO_L37N_A6_M1A1_1
DQ33	H20	IO_L38P_A5_M1CLK_1
DQ38	J19	IO_L38N_A4_M1CLKN_1
DQ37	G20	IO_L39P_M1A3_1
A13	G22	IO_L39N_M1ODT_1
	K20	IO_L40P_GCLK11_M1A5_1
SDRAMCLKD	K19	IO_L40N_GCLK10_M1A6_1
CPU_CLK_IND	H21	IO_L41P_GCLK9_JRDY1_M1RASN_1
ODT1	H21	IO_L41N_GCLK8_M1CASN_1
SI	H22	IO_L42P_GCLK7_M1UDM_1
DQ49	M20	IO_L42N_GCLK6_TRDY1_M1LDM_1
DQ39	L19	IO_L43P_GCLK5_M1DQ4_1
DQS4_P	J20	IO_L43N_GCLK4_M1DQ5_1
DQS4_N	J22	IO_L44P_A3_M1DQ6_1
	K21	IO_L44N_A2_M1DQ7_1
DQ44	K22	IO_L45P_A1_M1LDQS_1
DQ45	L20	IO_L45N_A0_M1LDQS_1
DQ40	L22	IO_L46P_FCS_B_M1DQ2_1
DQ42	M21	IO_L46N_FOE_B_M1DQ3_1
DQ47	M22	IO_L47P_FWE_B_M1DQ0_1
DM6	N20	IO_L47N_LDC_M1DQ1_1
DQ43	N22	IO_L48P_HDC_M1DQ8_1
DQ61	P21	IO_L48N_M1DQ9_1
DQ60	P22	IO_L49P_M1DQ10_1
DQ57	R20	IO_L49N_M1DQ11_1
DQ56	R22	IO_L50P_M1UDQS_1
DQS7_P	T21	IO_L50N_M1UDQS_1
DQS7_N	T22	IO_L51P_M1DQ12_1
DQ55	U20	IO_L51N_M1DQ13_1
DM7	U22	IO_L52P_M1DQ14_1
DQ59	V21	IO_L52N_M1DQ15_1
DQ58	V22	IO_L53P_1
DQ48	M19	IO_L53N_VREF_1
	N19	IO_L58P_1
DQS5_P	M16	IO_L58N_1
DQS5_N	L15	IO_L59P_1
DQS6_P	P19	IO_L59N_1
DQS6_N	P20	IO_L60P_1
DQ63	W20	IO_L60N_1
DQ62	W22	IO_L61P_1
DQ41	L17	IO_L61N_1
	L18	IO_L70P_1
DQ51	U19	IO_L70N_1
DQ50	V20	IO_L71P_1
DQ52	M17	IO_L71N_1
DQ53	M18	IO_L72P_1
DQ46	P17	IO_L72N_1
DM5	N16	IO_L73P_1
DQ54	P18	IO_L73N_1
	R19	IO_L74P_AWAKE_1
	T19	IO_L74N_DOUT_BUSY_1
	T20	VCC0_1
	C21	VCC0_1
	E19	VCC0_1
	G21	VCC0_1
	J18	VCC0_1
	L16	VCC0_1
	L21	VCC0_1
	N18	VCC0_1
	R21	VCC0_1
	U18	VCC0_1
	W21	VCC0_1

BRIDGE1D
XC6SLX45—FGG484

IO_L1P_3	Y2	
IO_L11N_VREF_3	Y1	
IO_L2P_3	W3	DQ0
IO_L2N_3	W1	DQ4
IO_L7P_3	P8	
IO_L7N_3	P7	
IO_L8N_3	P6	DQ11
IO_L8P_3	T4	DQ8
IO_L9P_3	T3	DQ9
IO_L10P_3	U4	DQ12
IO_L10N_3	V3	DQ5
IO_L11P_3	N6	
IO_L11N_3	N7	
IO_L12P_3	M7	
IO_L12N_3	M8	
IO_L24P_3	R4	DM1
IO_L24N_3	P4	DQ14
IO_L25P_3	M6	
IO_L25N_3	L6	
IO_L26P_3	P3	DQ10
IO_L26N_3	N4	DQ15
IO_L31P_3	M5	
	M4	
IO_L31N_VREF_3	V2	DQ2
IO_L32P_M3DQ14_3	V1	DQ1
IO_L32N_M3DQ15_3	U3	DQ13
IO_L33P_M3DQ12_3	U1	DM0
IO_L33N_M3DQ13_3	T2	DQS0_P
IO_L34P_M3UDQS_3	T1	DQS0_N
IO_L34N_M3UDQS_3	R3	DQS1_P
IO_L35P_M3DQ10_3	R1	DQS1_N
IO_L35N_M3DQ11_3	P2	DQ3
IO_L36P_M3DQ8_3	P1	DQ6
IO_L36N_M3DQ9_3	N3	DQ28
IO_L37P_M3DQ0_3	N1	DQ7
IO_L37N_M3DQ1_3	M2	DQ16
IO_L38P_M3DQ2_3	M1	DQ20
IO_L38N_M3DQ3_3	L3	DQ25
IO_L39P_M3LDQS_3	L1	DQ17
IO_L39N_M3LDQS_3	K2	DM2
IO_L40P_M3DQ6_3	K1	DQ21
IO_L40N_M3DQ7_3	J3	DQS2_P
IO_L41P_GCLK27_M3DQ4_3	J1	DQS2_N
IO_L41N_GCLK26_M3DQ5_3	M3	DQ29
IO_L42P_GCLK25_TRDY2_M3UDM_3	L4	DQ24
IO_L42N_GCLK24_M3LDM_3	K5	DQS3_P
IO_L43P_GCLK23_M3RASN_3	K4	DQS3_N
IO_L43N_GCLK22_JRDY2_M3CASN_3	K3	
IO_L44P_GCLK21_M3A5_3	J4	DQ30
IO_L44N_GCLK20_M3A6_3	K6	CPU_D30
IO_L45P_M3A3_3	J6	
IO_L45N_M3ODT_3	H4	DQ31
IO_L46P_M3CLK_3	H3	DQ26
IO_L46N_M3CLKN_3	H2	DQ23
IO_L47P_M3A0_3	H1	DQ22
IO_L47N_M3A1_3	G3	DQ27
IO_L48P_M3BA0_3	G1	DQ18
IO_L48N_M3BA1_3	H6	
IO_L49P_M3A7_3	H5	DM3
IO_L49N_M3A2_3	F2	CPU_D28
IO_L50P_M3WE_3	F1	DQ19
IO_L50N_M3BA2_3	G4	A4
IO_L51P_M3A10_3	F3	
IO_L51N_M3A4_3	E3	CPU_D25
IO_L52P_M3A8_3	E1	CKE1
IO_L52N_M3A9_3	D2	A14
IO_L53P_M3CKE_3	D1	A15
IO_L53N_M3A12_3	C3	CKE0
IO_L54P_M3RESET_3	C1	A11
IO_L54N_M3A11_3	G6	
IO_L55P_M3A13_3	F5	
IO_L55N_M3A14_3	F5	
IO_L57P_3	K7	
IO_L57N_VREF_3	K8	
IO_L58P_3	D5	
IO_L58N_3	E4	A3
IO_L59P_3	J7	
IO_L59N_3	H8	
IO_L60P_3	B2	A12
IO_L60N_3	B1	BA2
IO_L80P_3	G7	
IO_L80N_3	F7	
IO_L81P_3	D3	CPU_D22
IO_L81N_3	C4	
IO_L82P_3	E5	A1
IO_L82N_3	E6	
IO_L83P_3	A2	A9
IO_L83N_VREF_3	B3	
VCC0_3	C2	
VCC0_3	F4	
VCC0_3	F6	
VCC0_3	G2	
VCC0_3	J5	
VCC0_3	L2	
VCC0_3	L7	
VCC0_3	N5	
VCC0_3	R2	
VCC0_3	U5	
VCC0_3	W2	

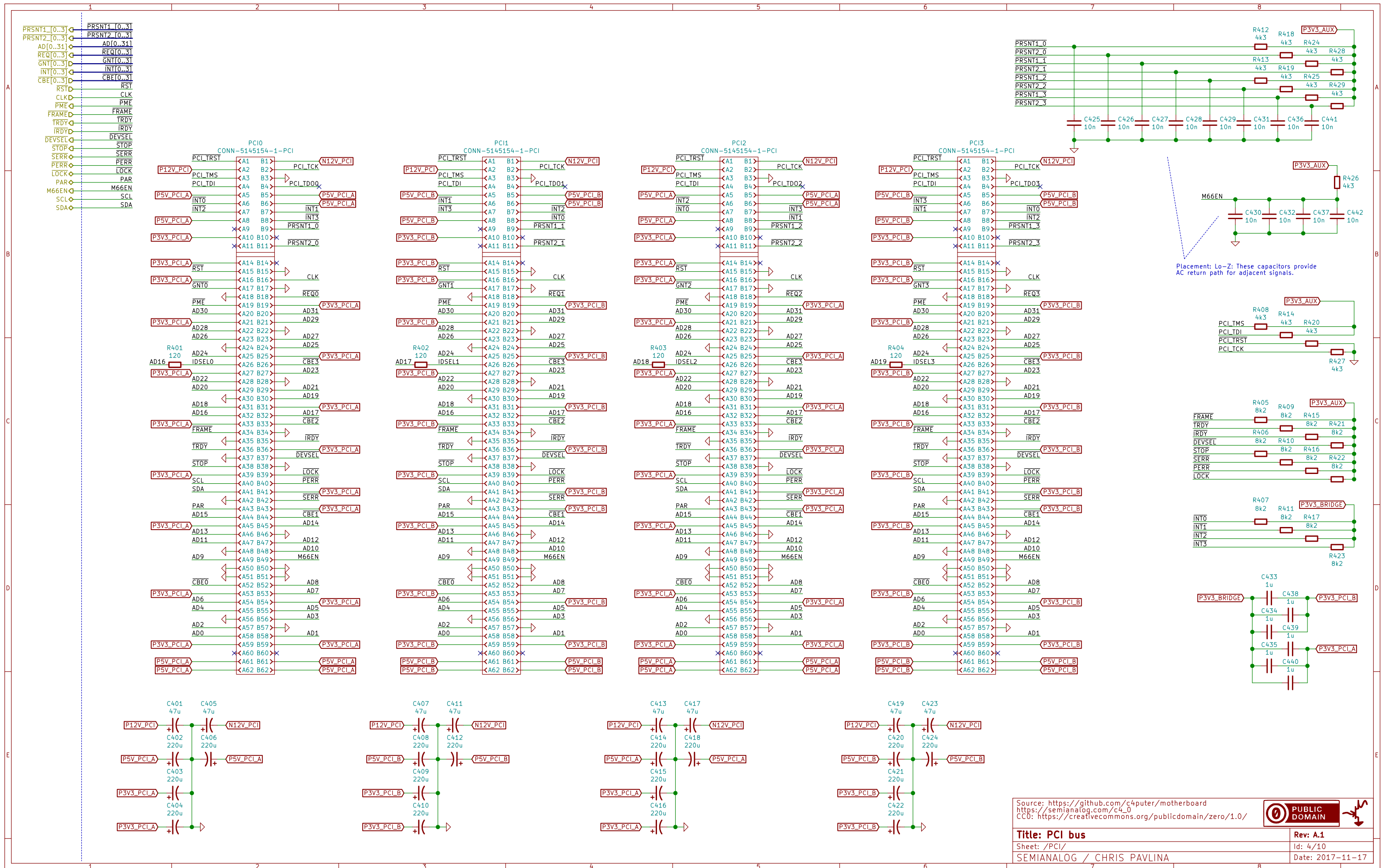
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PCI_REQ[0..3]	→	PCI_REQ[0..3]
PCI_GNT[0..3]	→	PCI_GNT[0..3]
PCI_INT[0..3]	→	PCI_INT[0..3]
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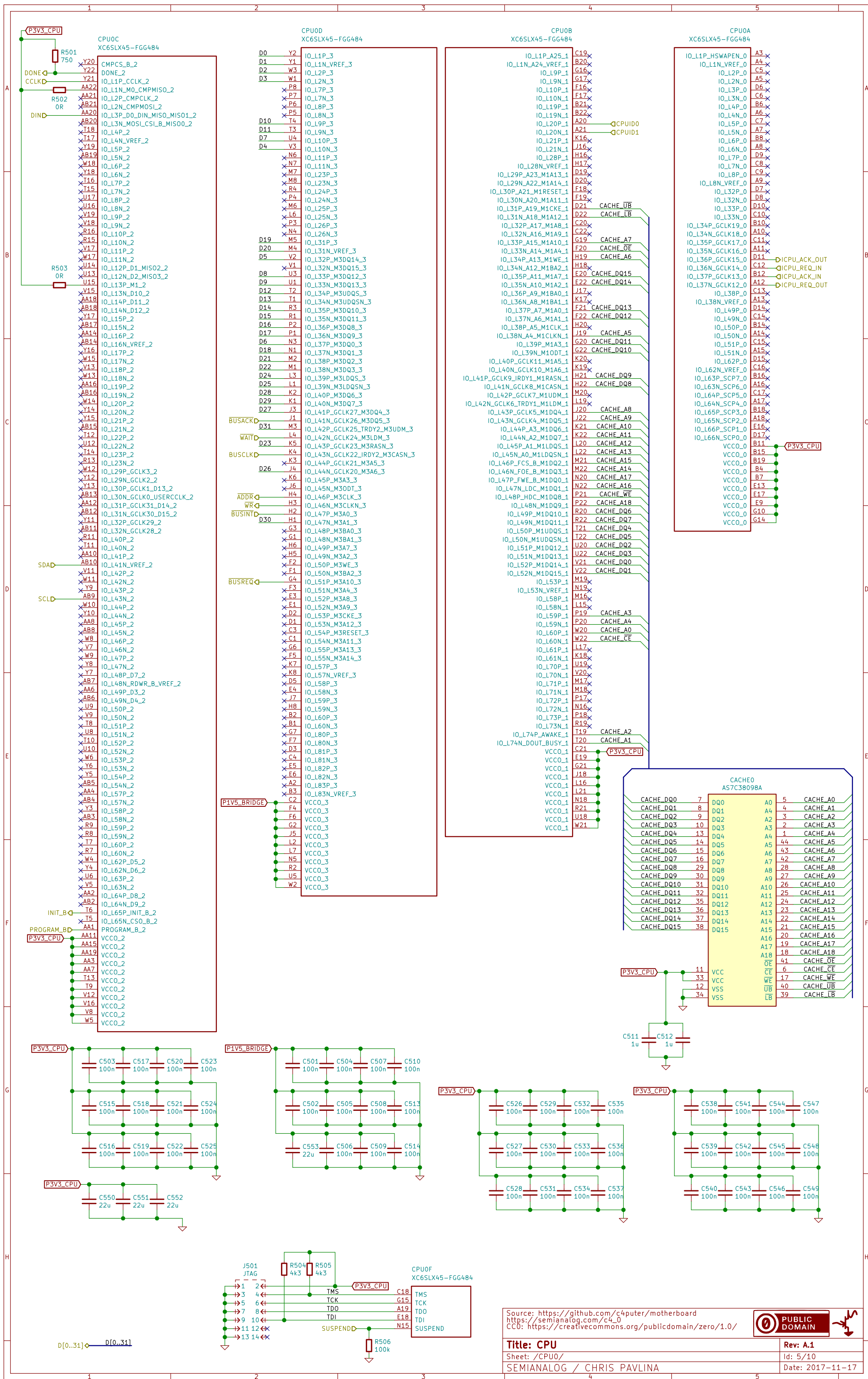


SODIMM1A DDR3—SODIMM			
DQS0_N	10	DQS0	DQ0
DQS0_P	12	DQS0	DQ1
DQS1_N	27	DQS1	DQ2
DQS1_P	29	DQS1	DQ3
DQS2_N	45	DQS2	DQ4
DQS2_P	47	DQS2	DQ5
DQS3_N	62	DQS3	DQ6
DQS3_P	64	DQS3	DQ7
DQS4_N	135	DQS4	DQ8
DQS4_P	137	DQS4	DQ9
DQS5_N	152	DQS5	DQ10
DQS5_P	154	DQS5	DQ11
DQS6_N	169	DQS6	DQ12
DQS6_P	171	DQS6	DQ13
DQS7_N	186	DQS7	DQ14
DQS7_P	188	DQS7	DQ15
BA0	109	DQ15	DQ16
BA1	108	DQ16	DQ17
BA2	79	DQ17	DQ18
A0	98	DQ18	DQ19
A1	97	DQ19	DQ20
A2	96	DQ20	DQ21
A3	95	DQ21	DQ22
A4	92	DQ22	DQ23
A5	91	DQ23	DQ24
A6	90	DQ24	DQ25
A7	86	DQ25	DQ26
A8	89	DQ26	DQ27
A9	85	DQ27	DQ28
A10	107	DQ28	DQ29
A11	84	DQ29	DQ30
A12	83	DQ30	DQ31
A13	119	DQ31	DQ32
A14	80	DQ32	DQ33
A15	78	DQ33	DQ34
DM0	11	DQ34	DQ35
DM1	28	DQ35	DQ36
DM2	46	DQ36	DQ37
DM3	63	DQ37	DQ38
DM4	136	DQ38	DQ39
DM5	153	DQ39	DQ40
DM6	170	DQ40	DQ41
DM7	187	DQ41	DQ42
CK0_P	101	DQ42	DQ43
CK0_N	103	DQ43	DQ44
CK1_P	102	DQ44	DQ45
CK1_N	104	DQ45	DQ46
CKE0	73	DQ46	DQ47
CKE1	74	DQ47	DQ48
WE	113	DQ48	DQ49
CAS	115	DQ49	DQ50
RAS	110	DQ50	DQ51
S0	114	DQ51	DQ52
SI	121	DQ52	DQ53
SA0	197	DQ53	DQ54
SA1	201	DQ54	DQ55
		DQ55	DQ56
		DQ56	DQ57
		DQ57	DQ58
		DQ58	DQ59
		DQ59	DQ60
		DQ60	DQ61
		DQ61	DQ62
		DQ62	DQ63

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Title: CPU

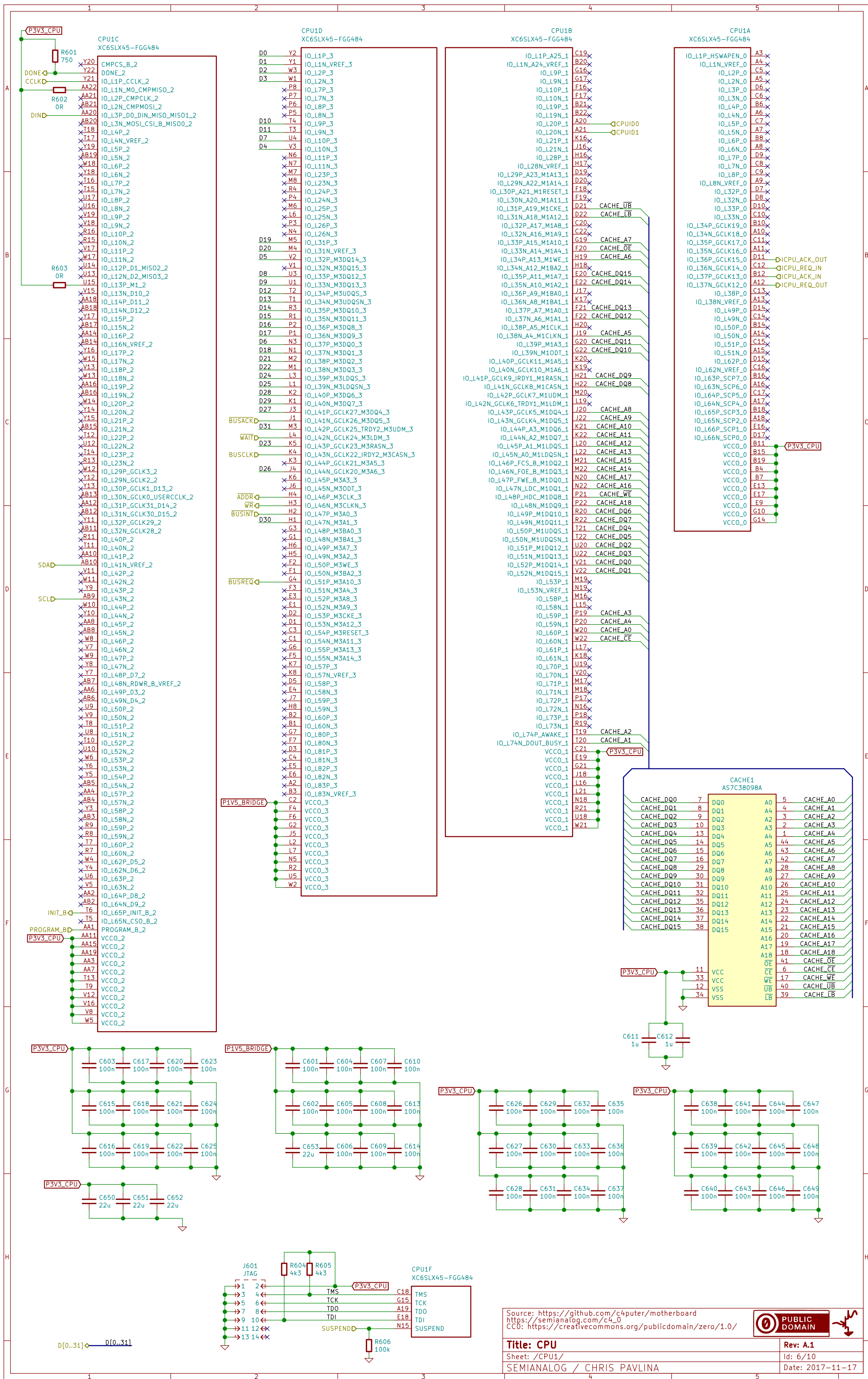
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Rev: A.1

Id: 5/10

Date: 2017-11-17



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Title: CPU

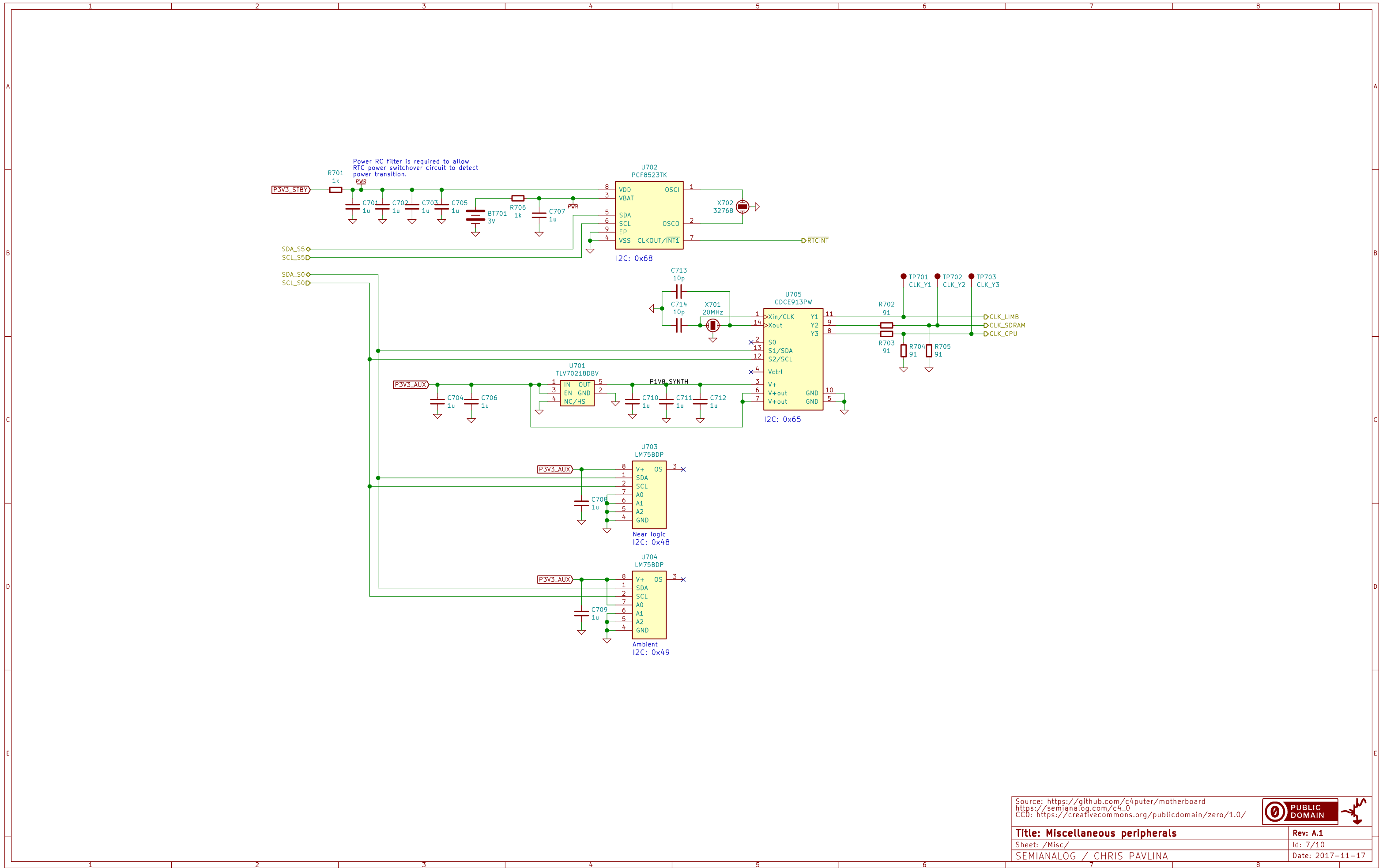
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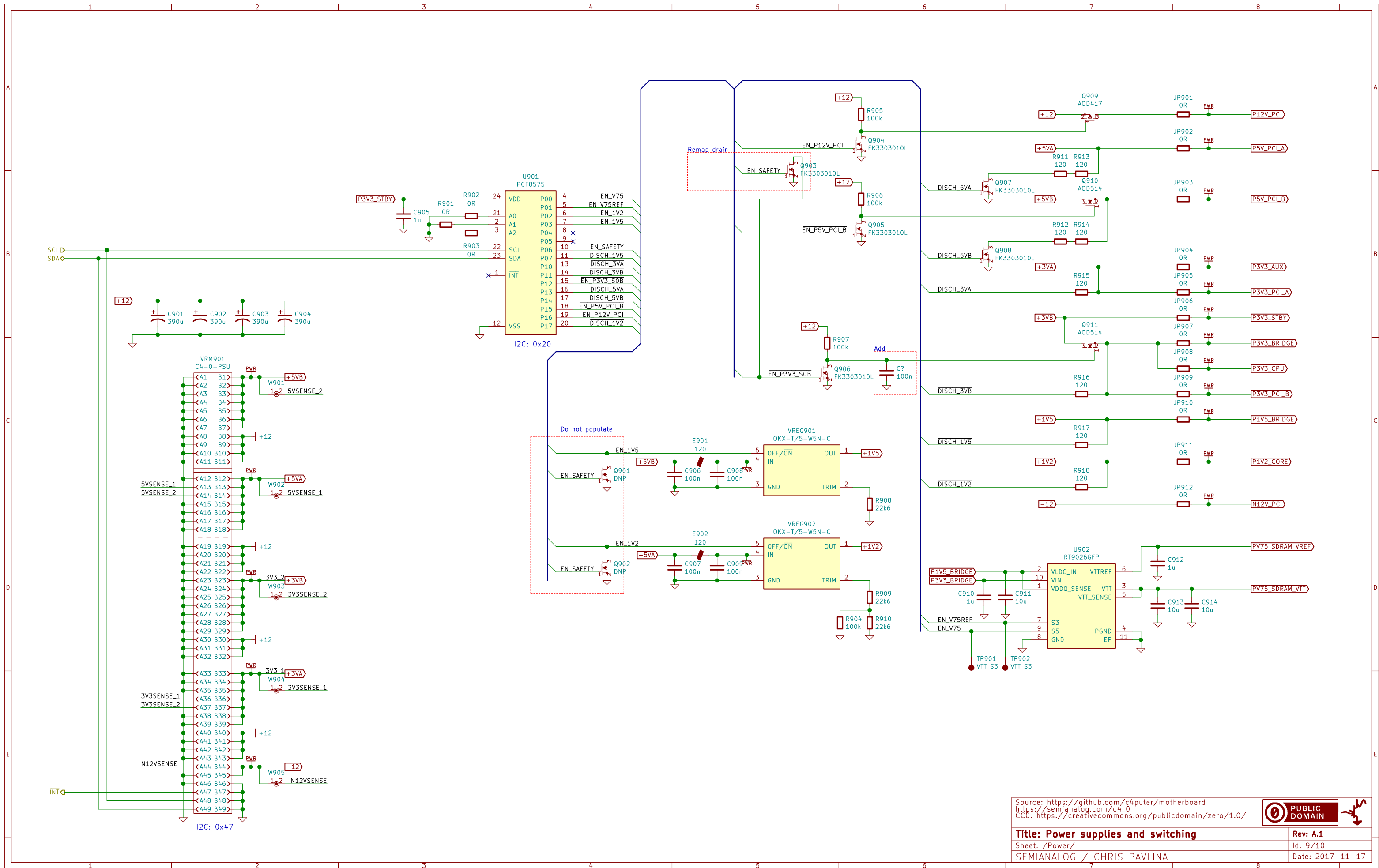
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Rev: A.1

Sheet: /Power/

Id: 9/10

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