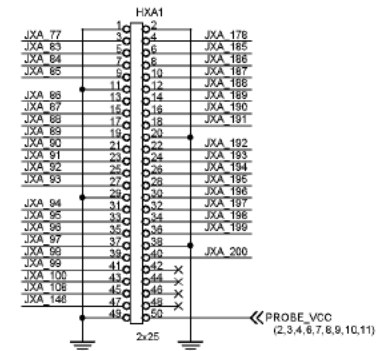
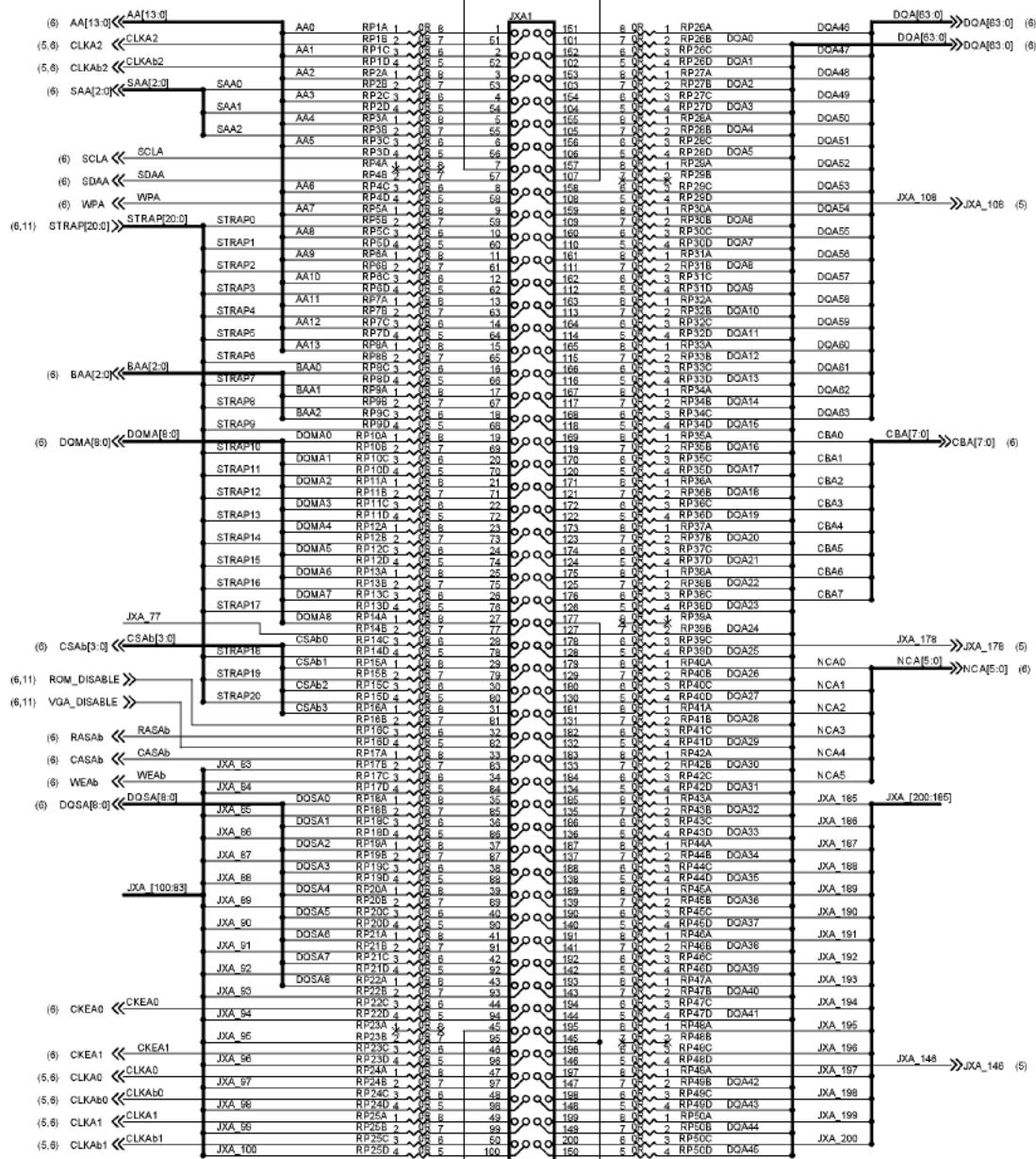
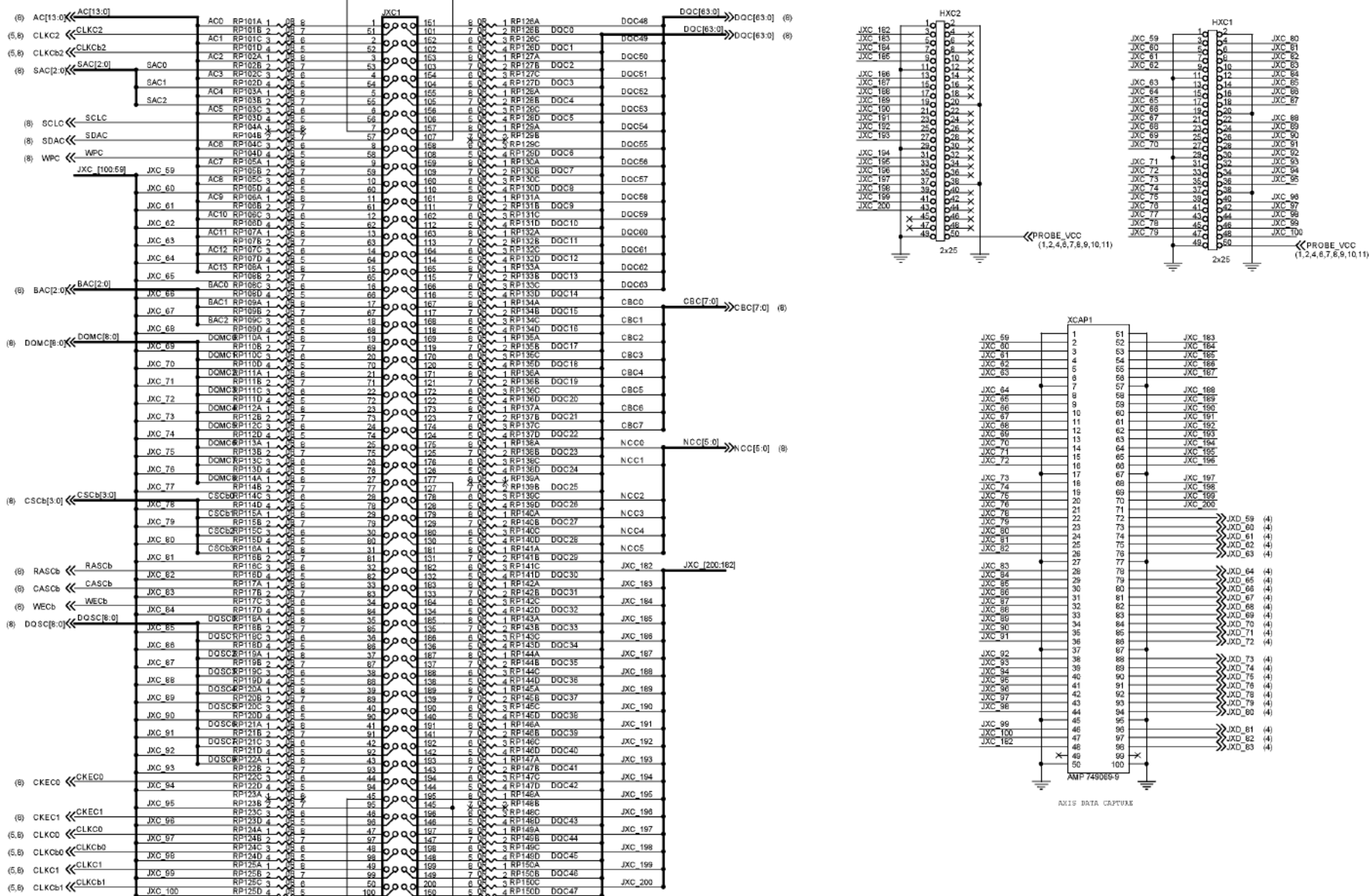




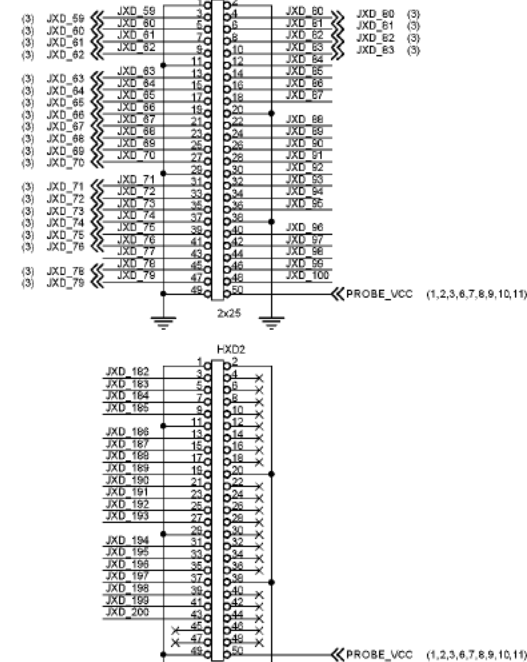
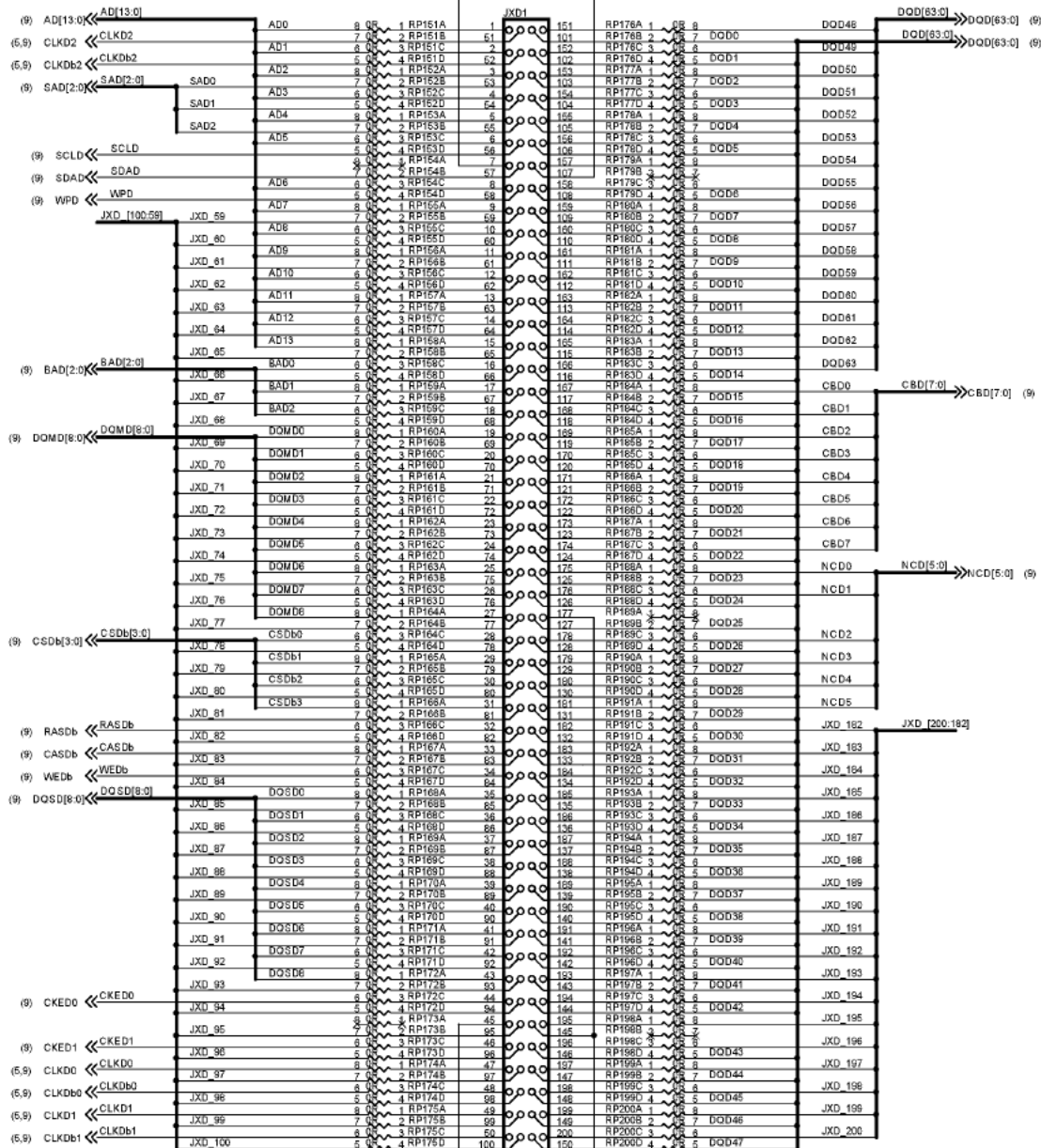
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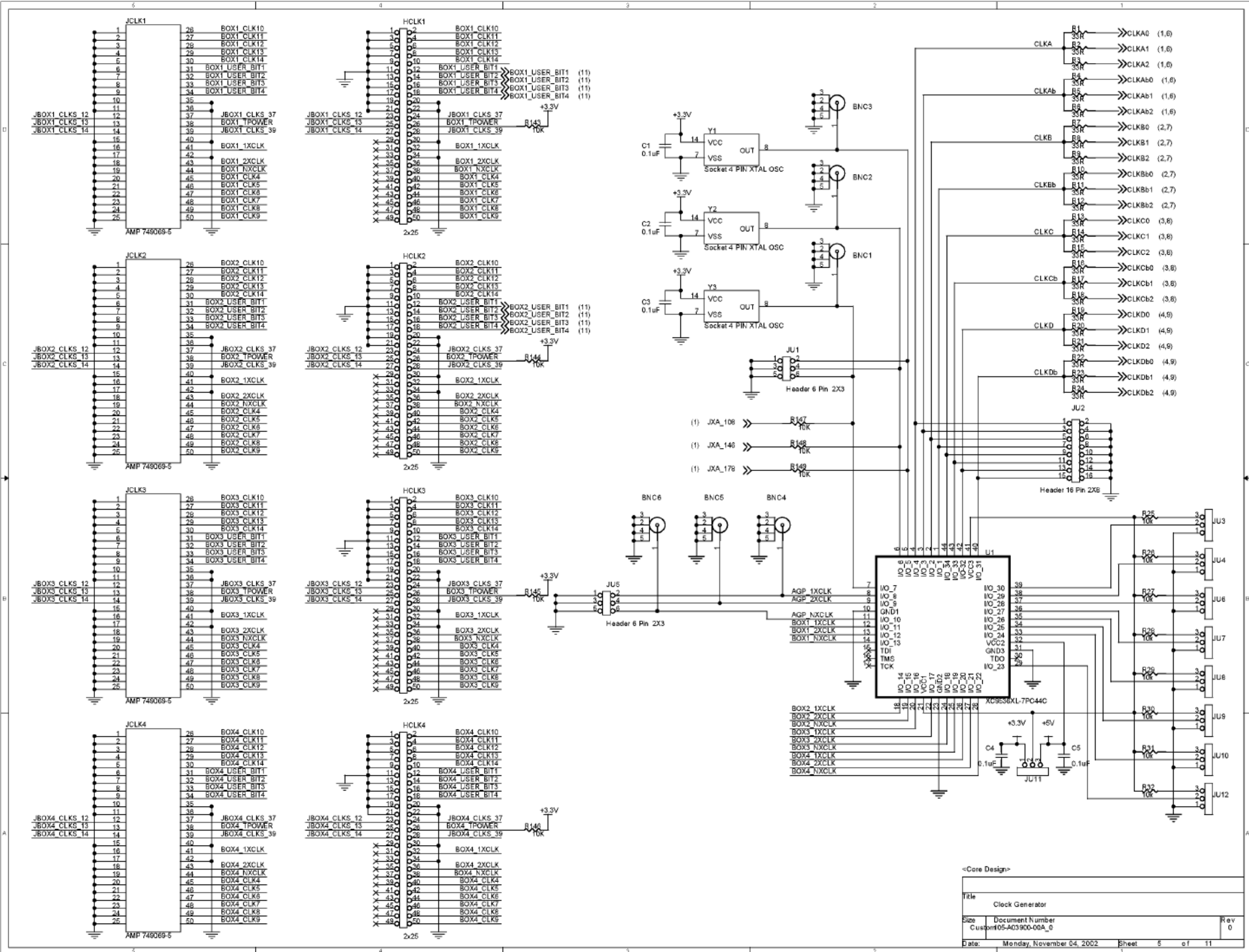
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Date:	Monday, November 04, 2002	Sheet	3 of 11



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Size	Document Number
Custom	05-AD3900-00A_0
Date:	Monday, November 04, 2002
Sheet	4 of 11
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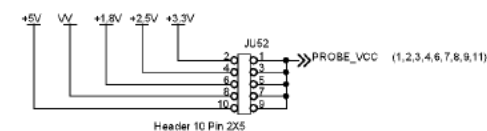
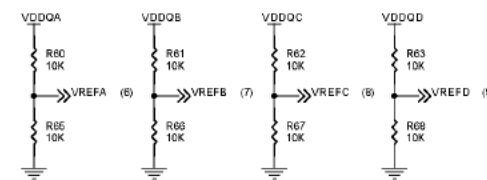
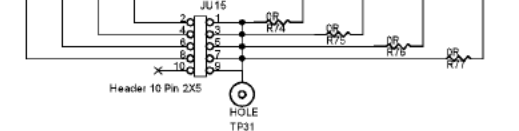
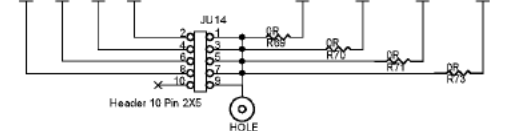
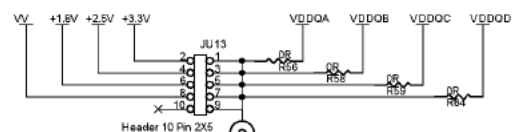
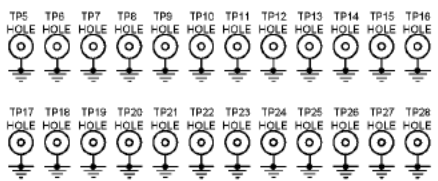
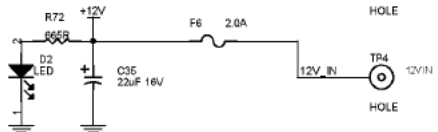
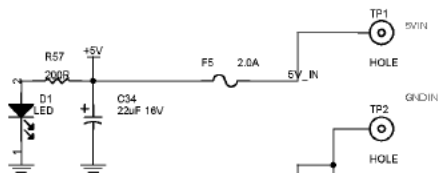
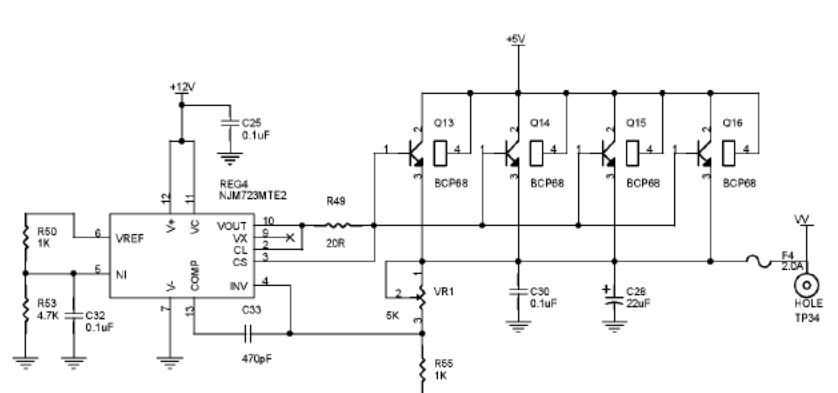
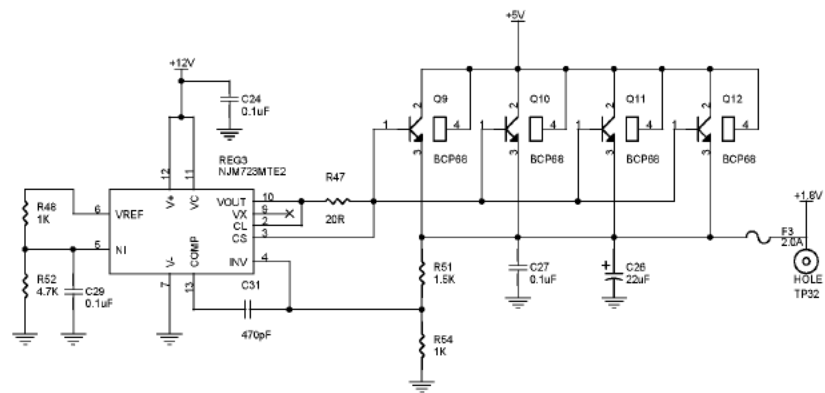
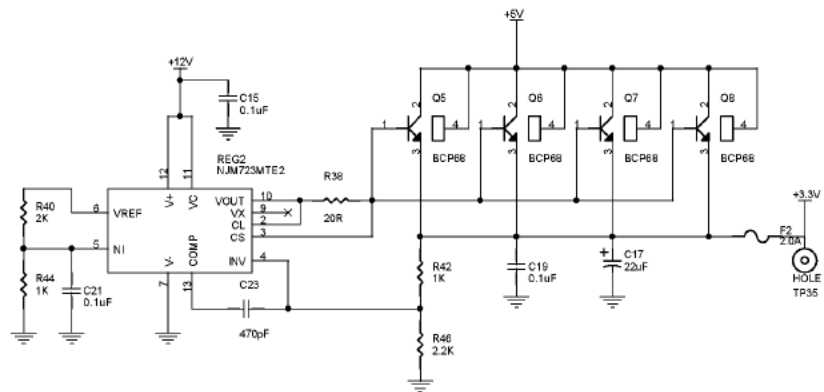
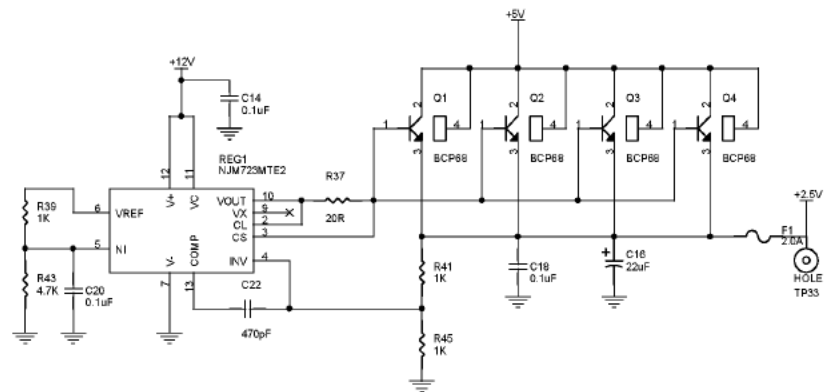


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ATI Ex. 2100

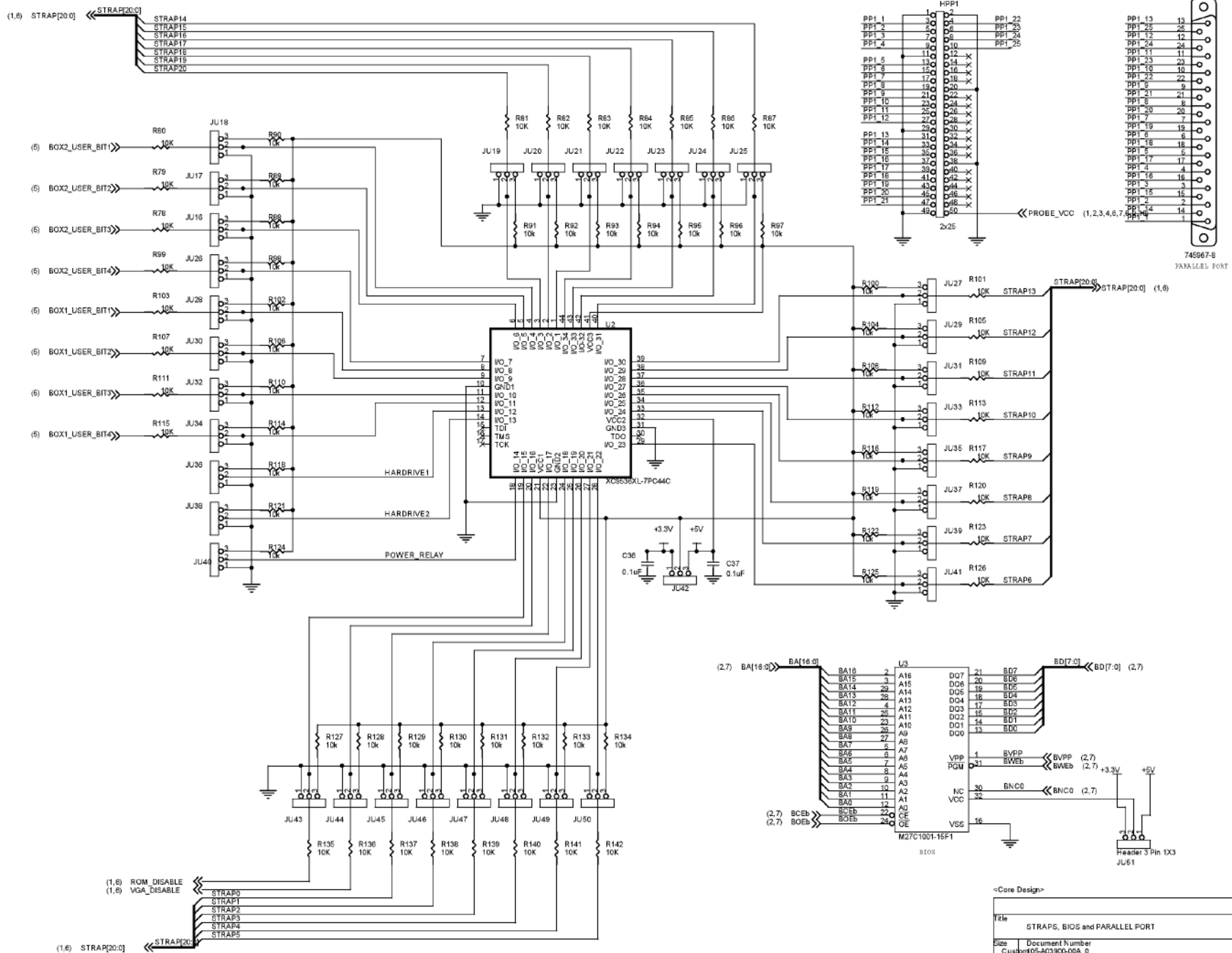
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File	Power Supply	
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<Core Design>

Title	STRAPS, BIOS and PARALLEL PORT		
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Item	Quantity	Reference	Part		
1 6	BNC1,BNC2,BNC3,BNC4,BNC5, BNC6	6030003500	4	BNC Jack, Vertical, 75 ohm, Metalized	
2 4	CH1,CH2,CH3,CH4	6080000700	4	Socket for 184 pin DDR DIMM Module, 2.5V version	
3 27	C1,C2,C3,C4,C5,C6,C7,C8, C9,C10,C11,C12,C13,C14, C15,C18,C19,C20,C21,C24, C25,C27,C29,C30,C32,C36, C37	4210010400	1	100nF +80/-20% 25V Y5V CERAMIC SM	
4 4	C16,C17,C26,C28	423NOPN006		CAP Tantalum SM EIA(C SIZE 6032) 22uF 6.3V	
5 4	C22,C23,C31,C33	4170047100	9	470pF 10% 50V X7R Ceramic SM	
6 2	C34,C35	4230022600	1	22uF 20% 16V Tantalum SM (7343)	COMMON
7 2	D1,D2	2510001600	1	LED Green 5mm (T-1 3/4) Cylinder Type 563nm Tinted Lens	COMMON
8 4	F1,F2,F3,F4	5120000900	1	Fuse resettable 2.0A, 15V	
9 2	F5,F6	5120000900	1	Fuse resettable 2.0A, 15V	COMMON
10 27	HXD1,HXC1,HXB1,HXA1,HPF1, HCLK1,HXD2,HXC2,HCLK2, HCLK3,HCLK4,HD11,HCI1, HB11,HA11,HD12,HC12,HB12, HA12,HD21,HC21,HB21,HA21, HD22,HC22,HB22,HA22	614NOPN018		HEADER 0.1x0.1 SPACING 2x25	
11 9	XCAP1,JD1,JC1,JB1,JA1, JD2,JC2,JB2,JA2	6140005900	9	Connector, Receptacle, 100 Pos., Vertical, Mini-D, 0.050"	
12 4	JCLK1,JCLK2,JCLK3,JCLK4	614NOPN069		CONNECTOR QT RECEPTACLE AMPLIMITE 0.050 SERIES 749069-5	COMMON
13 2	JU5,JU1	6010001500	1	Header 6 Pin 2X3 0.1"X 0.1"	
14 1	JU2	6011000300	1	Header 16 Pin 2X8 0.1"X0.1"	
15 60	JU3,JU4,JU6,JU7,JU8,JU9, JU10,JU11,JU12,JU16,JU17, JU18,JU19,JU20,JU21,JU22, JU23,JU24,JU25,JU26,JU27, JU28,JU29,JU30,JU31,JU32, JU33,JU34,JU35,JU36,JU37, JU38,JU39,JU40,JU41,JU42, JU43,JU44,JU45,JU46,JU47, JU48,JU49,JU50,JU53,JU54, JU55,JU56,JU57,JU58,JU59, JU60,JU61,JU62,JU63,JU64, JU65,JU66,JU67,JU68 JU13,JU14,JU15,JU52	6010004800	1	Header 3 Pin 1X3 3uin. Gold over 50uin. Nickel	
16 4	JU13,JU14,JU15,JU52	6010003300	1	Header 10 Pin 2X5 0.1"X0.1"	
17 1	JU51	6010002300	7	Header 3 Pin 1X3 (Use 6010004800)	COMMON
18 4	JXD1,JXC1,JXB1,JXA1	6020005100	4	Elevated socket strip, 4x50, 2mm	
19 1	FP1	6050003300	4	DB25 Receptacle, 25 Pos., Vertical, w/4-40 inserts	
20 16	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8, Q9,Q10,Q11,Q12,Q13,Q14, Q15,Q16	2020006800	1	Transistor, NPN, 25V 1A	COMMON
21 4	REG1,REG2,REG3,REG4	2480072300	1	Voltage Regulator 150mA Programmable	COMMON
22 392	RP1,RP2,RP3,RP4,RP5,RP6, RP7,RP8,RP9,RP10,RP11, RP12,RP13,RP14,RP15,RP16, RP17,RP18,RP19,RP20,RP21, RP22,RP23,RP24,RP25,RP26, RP27,RP28,RP29,RP30,RP31, RP32,RP33,RP34,RP35,RP36, RP37,RP38,RP39,RP40,RP41, RP42,RP43,RP44,RP45,RP46, RP47,RP48,RP49,RP50,RP51, RP52,RP53,RP54,RP55,RP56, RP57,RP58,RP59,RP60,RP61, RP62,RP63,RP64,RP65,RP66, RP67,RP68,RP69,RP70,RP71, RP72,RP73,RP74,RP75,RP76, RP77,RP78,RP79,RP80,RP81, RP82,RP83,RP84,RP85,RP86, RP87,RP88,RP89,RP90,RP91, RP92,RP93,RP94,RP95,RP96, RP97,RP98,RP99,RP100, RP101,RP102,RP103,RP104, RP105,RP106,RP107,RP108, RP109,RP110,RP111,RP112, RP113,RP114,RP115,RP116, RP117,RP118,RP119,RP120, RP121,RP122,RP123,RP124, RP125,RP126,RP127,RP128, RP129,RP130,RP131,RP132, RP133,RP134,RP135,RP136, RP137,RP138,RP139,RP140, RP141,RP142,RP143,RP144, RP145,RP146,RP147,RP148, RP149,RP150,RP151,RP152, RP153,RP154,RP155,RP156, RP157,RP158,RP159,RP160, RP161,RP162,RP163,RP164, RP165,RP166,RP167,RP168, RP169,RP170,RP171,RP172, RP173,RP174,RP175,RP176, RP177,RP178,RP179,RP180, RP181,RP182,RP183,RP184, RP185,RP186,RP187,RP188, RP189,RP190,RP191,RP192, RP193,RP194,RP195,RP196, RP197,RP198,RP199,RP200, RP201,RP202,RP203,RP204, RP205,RP206,RP207,RP208, RP209,RP210,RP211,RP212, RP213,RP214,RP215,RP216, RP217,RP218,RP219,RP220, RP221,RP222,RP223,RP224, RP225,RP226,RP227,RP228, RP229,RP230,RP231,RP232,	3270000300	1	0R 4-Element Resistor Network Individual SM T&R 1206	

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		RF233,RF234,RF235,RF236, RF237,RF238,RF239,RF240, RF241,RF242,RF243,RF244, RF245,RF246,RF247,RF248, RF249,RF250,RF251,RF252, RF253,RF254,RF255,RF256, RF257,RF258,RF259,RF260, RF261,RF262,RF263,RF264, RF265,RF266,RF267,RF268, RF269,RF270,RF271,RF272, RF273,RF274,RF275,RF276, RF277,RF278,RF279,RF280, RF281,RF282,RF283,RF284, RF285,RF286,RF287,RF288, RF289,RF290,RF291,RF292, RF293,RF294,RF295,RF296, RF297,RF298,RF299,RF300, RF301,RF302,RF303,RF304, RF305,RF306,RF307,RF308, RF309,RF310,RF311,RF312, RF313,RF314,RF315,RF316, RF317,RF318,RF319,RF320, RF321,RF322,RF323,RF324, RF325,RF326,RF327,RF328, RF329,RF330,RF331,RF332, RF333,RF334,RF335,RF336, RF337,RF338,RF339,RF340, RF341,RF342,RF343,RF344, RF345,RF346,RF347,RF348, RF349,RF350,RF351,RF352, RF353,RF354,RF355,RF356, RF357,RF358,RF359,RF360, RF361,RF362,RF363,RF364, RF365,RF366,RF367,RF368, RF369,RF370,RF371,RF372, RF373,RF374,RF375,RF376, RF377,RF378,RF379,RF380, RF381,RF382,RF383,RF384, RF385,RF386,RF387,RF388, RF389,RF390,RF391,RF392, R1,R2,R3,R4,R5,R6,R7,R8, R9,R10,R11,R12,R13,R14, R15,R16,R17,R18,R19,R20, R21,R22,R23,R24 R25,R26,R27,R28,R29,R30, R31,R32,R33,R34,R35,R36, R60,R61,R62,R63,R65,R66, R67,R68,R78,R79,R80,R81, R82,R83,R84,R85,R86,R87, R88,R89,R90,R91,R92,R93, R94,R95,R96,R97,R98,R99, R100,R101,R102,R103,R104, R105,R106,R107,R108,R109, R110,R111,R112,R113,R114, R115,R116,R117,R118,R119, R120,R121,R122,R123,R124,	3150033000	1	33R	1/16W	5% SM T&R	
23	24	R1,R2,R3,R4,R5,R6,R7,R8, R9,R10,R11,R12,R13,R14, R15,R16,R17,R18,R19,R20, R21,R22,R23,R24 R25,R26,R27,R28,R29,R30, R31,R32,R33,R34,R35,R36, R60,R61,R62,R63,R65,R66, R67,R68,R78,R79,R80,R81, R82,R83,R84,R85,R86,R87, R88,R89,R90,R91,R92,R93, R94,R95,R96,R97,R98,R99, R100,R101,R102,R103,R104, R105,R106,R107,R108,R109, R110,R111,R112,R113,R114, R115,R116,R117,R118,R119, R120,R121,R122,R123,R124,	3210010300	1	10K	1/10W	5% SM T&R	
25	4	R125,R126,R127,R128,R129, R130,R131,R132,R133,R134, R135,R136,R137,R138,R139, R140,R141,R142,R143,R144, R145,R146,R147,R148,R149 R37,R38,R47,R49 R39,R41,R42,R44,R45,R48, R50,R54,R55	3220020000	1	20R	1/4W	5% SM T&R	
26	9	R37,R38,R47,R49 R39,R41,R42,R44,R45,R48, R50,R54,R55	3200010200	1	1K	1/8W	5% SM T&R	
27	1	R40	3200020200	1	2K	1/8W	5% SM T&R	
28	3	R43,R52,R53	3210047200	1	4.7K	1/10W	5% SM T&R	
29	1	R46	3210022200	1	2.2K	1/10W	5% SM T&R	
30	1	R51	3210015200	1	1.5K	1/10W	5% SM T&R	
31	12	R56,R58,R59,R64,R69,R70, R71,R73,R74,R75,R76,R77	3150000000	1	0 Ohm Jumper			
32	1	R57	3210020100	1	200R	1/10W	5% SM T&R	
33	1	R72	3250665000	1	665R	1/10W	1% SM T&R	
34	35	TP1,TP2,TP3,TP4,TP5,TP6, TP7,TP8,TP9,TP10,TP11, TP12,TP13,TP14,TP15,TP16, TP17,TP18,TP19,TP20,TP21, TP22,TP23,TP24,TP25,TP26, TP27,TP28,TP29,TP30,TP31, TP32,TP33,TP34,TP35	620NOPN002		PCB HOLE 0.040 in.	FOR 18 AWG WIRE	COMMON	
35	2	U2,U1	2320001100	4	In circuit programmable CPLD			
36	1	U3	2220001015	3	EPROM UV 1Mbit 128Kx8 150ns, 5V		COMMON	
37	1	VR1	309NOPN010		RES VARIABLE 0.5W 10% 5K (BOURNS TRIMPOT MODEL 3296W)			
38	3	Y1,Y2,Y3	6080000100	7	Socket 4 PIN XTAL OSC			