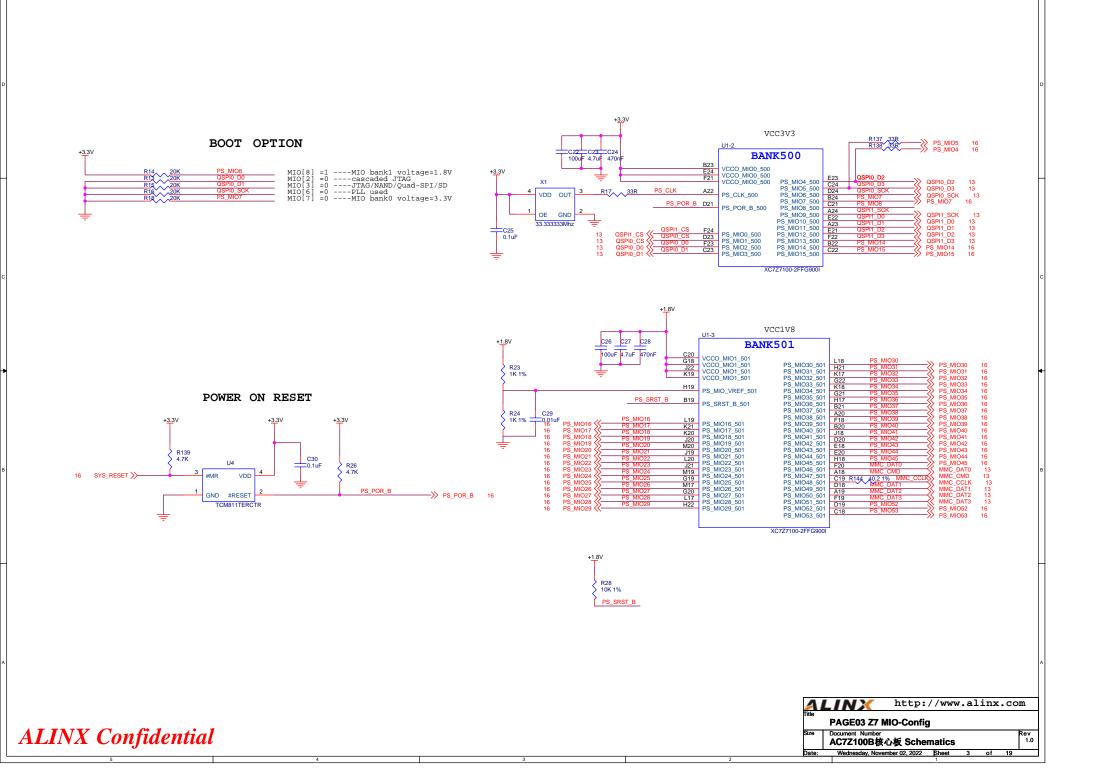
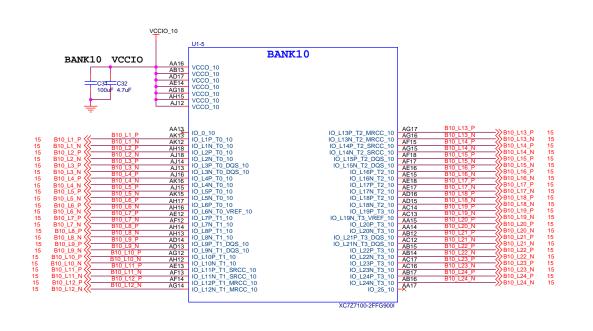
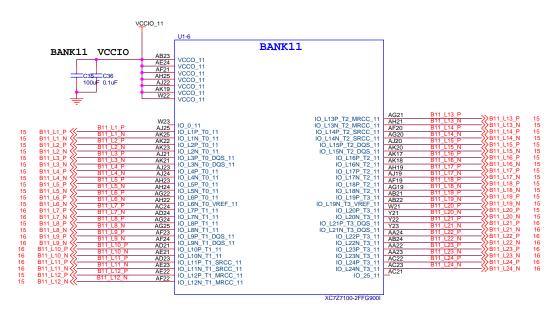
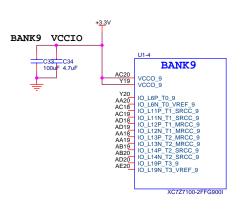


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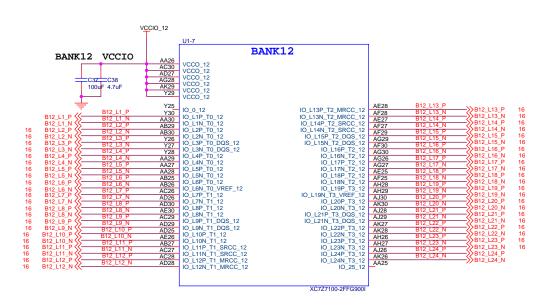


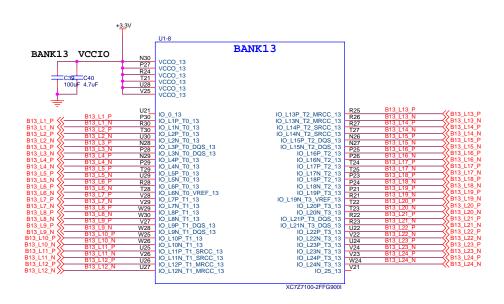




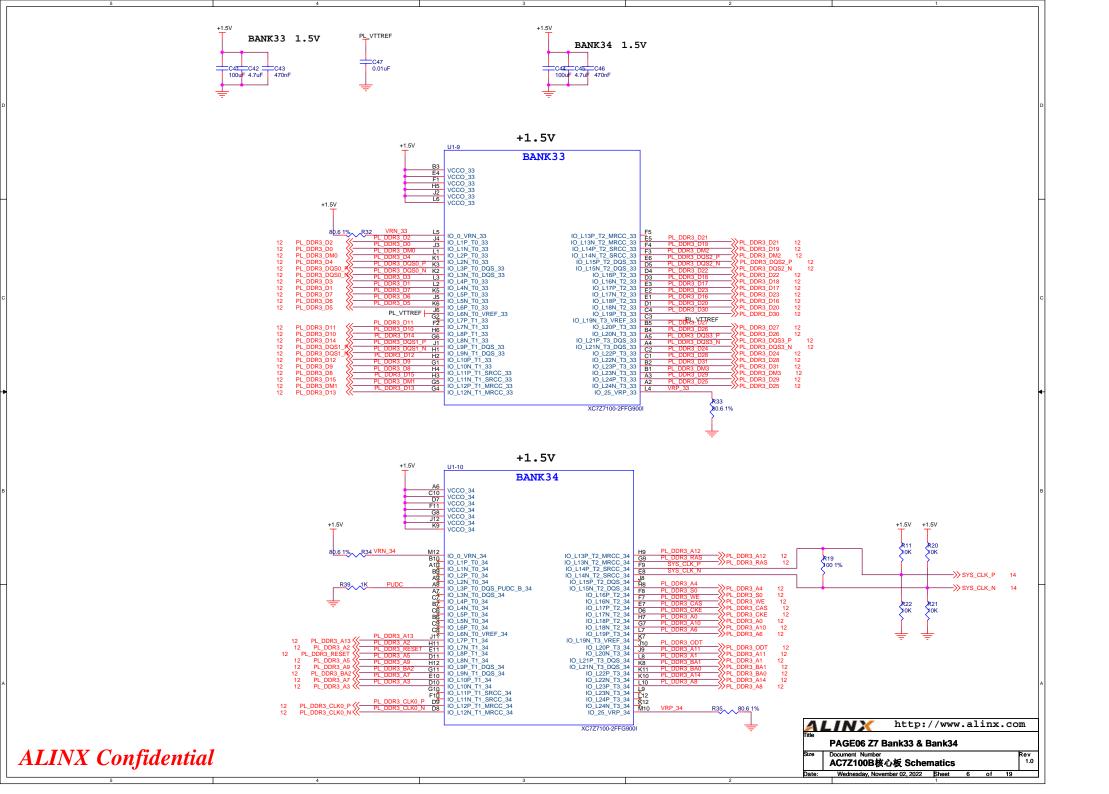


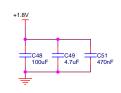
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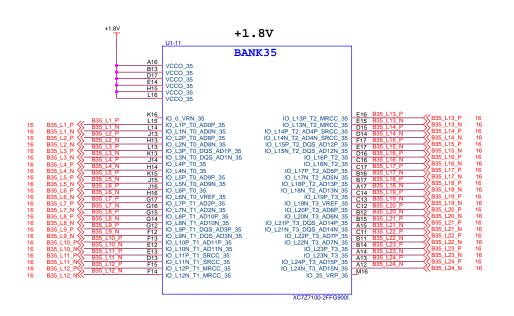




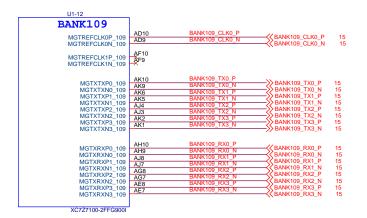


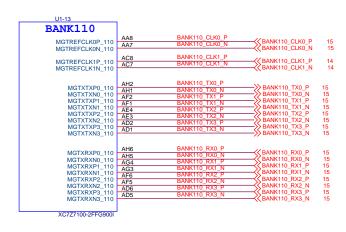


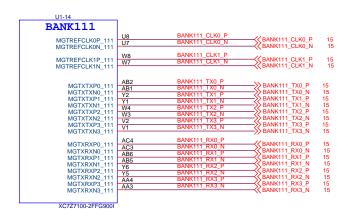


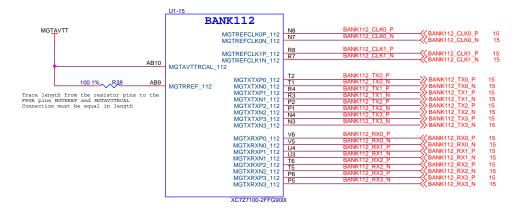


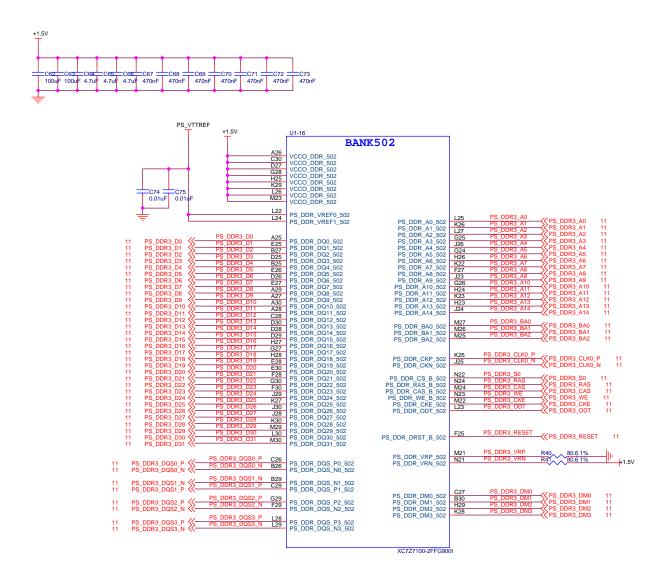




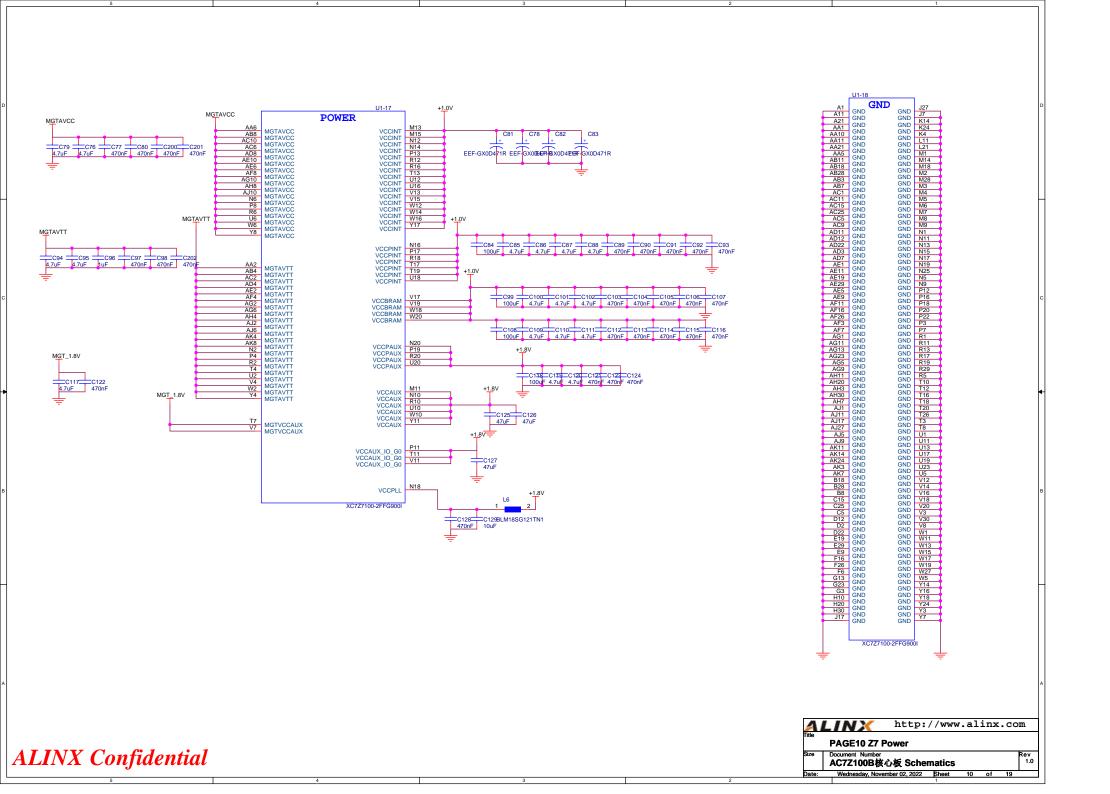


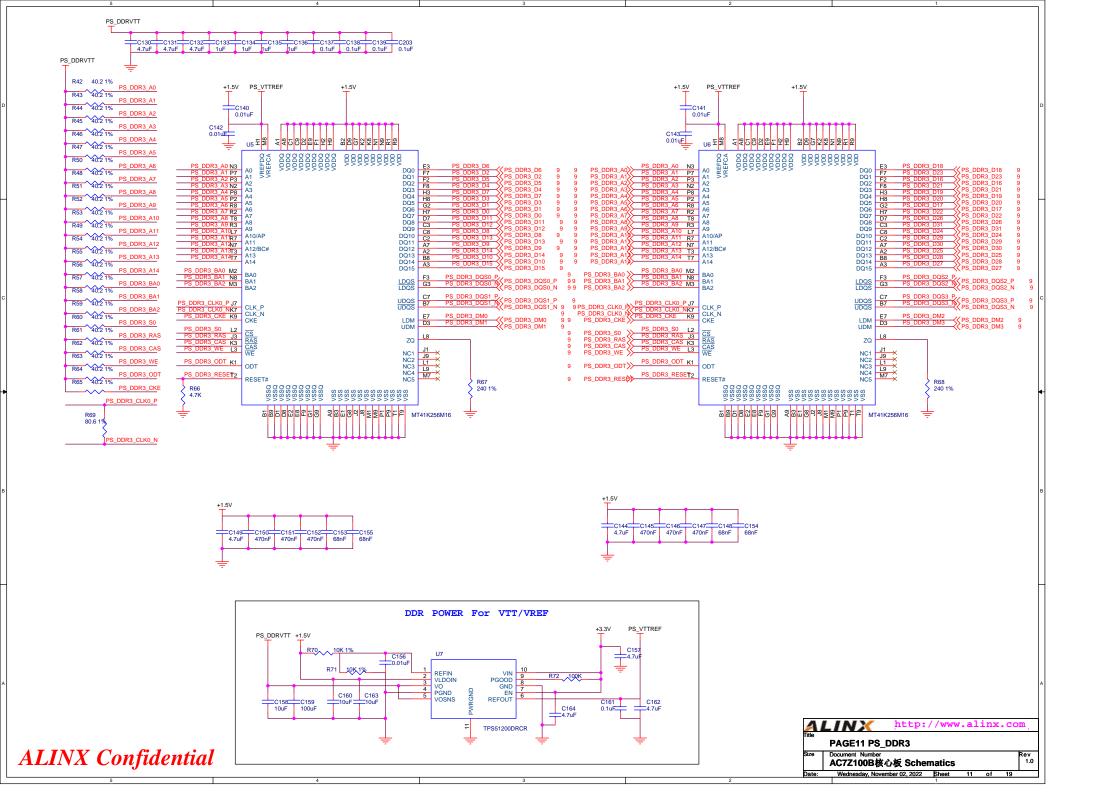


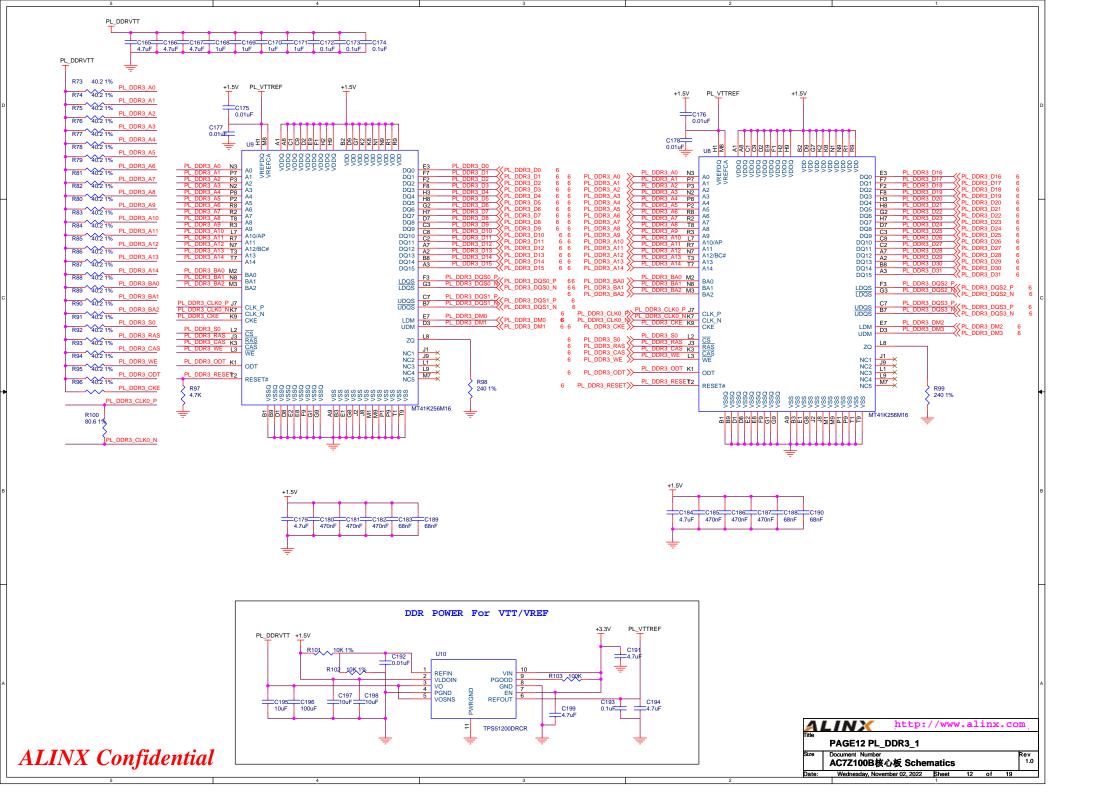


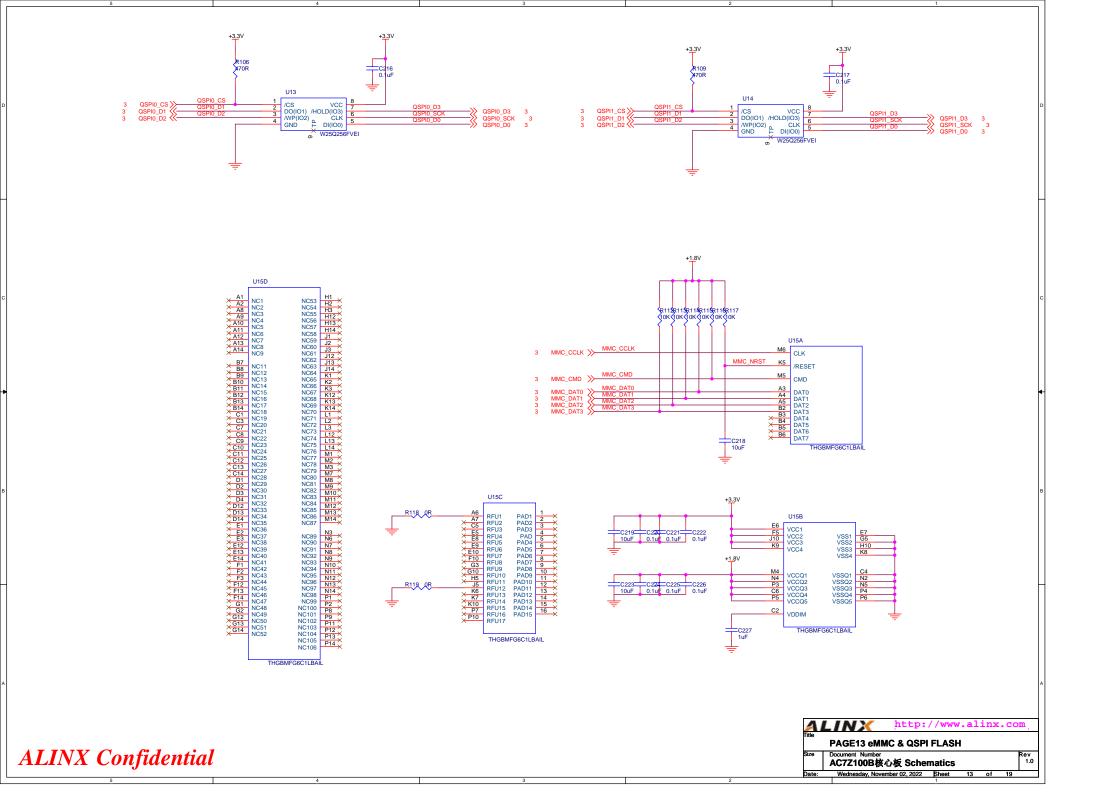




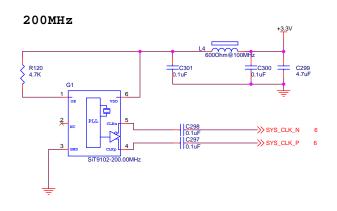


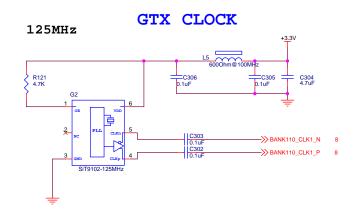




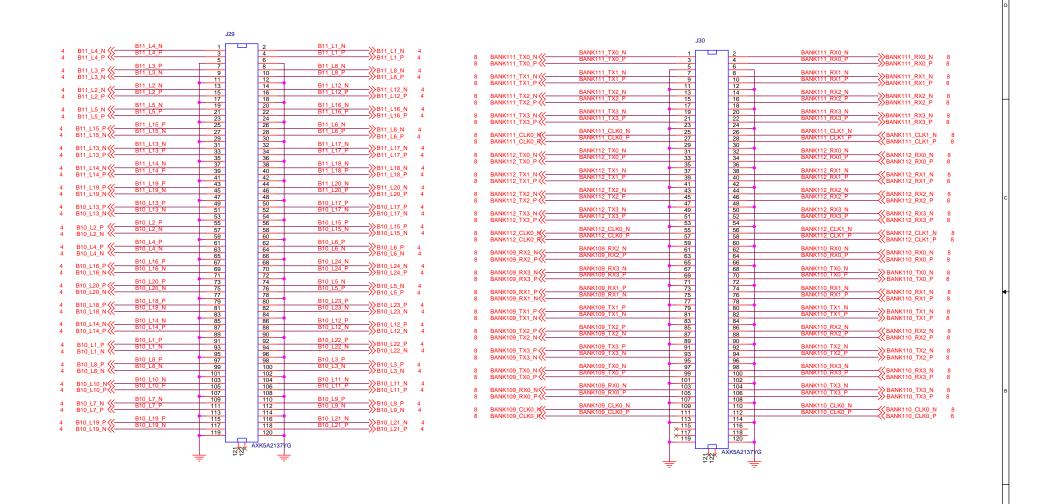


SYSTEM CLOCK









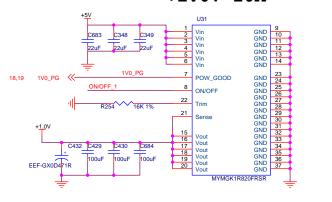
BANK35 IO is 1.8V

			J31				
	,,	FPGA_TCK	1	2	FPGA_TDI		
2	FPGA_TCK S	FPGA_TMS	3	4	FPGA_TDO	—>>> FPGA_TDI	2
2	FPGA_TMS <<		5	6		——>>> FPGA_TDO	2
7	B35 12 P <<─	B35_L2_P B35_L2_N	7 9	8	B35_L8_N B35_L8_P	—>>> B35_L8_N	7
7	B35_L2_P	B35_L2_N	11	10	B35_L8_P	—————————————————————————————————————	7
		B35 L9 P	13	14	B35 L3 N	**	
7	B35_L9_P	B35_L9_N	15	16	B35_L3_P	—————————————————————————————————————	7
7	B35_L9_N (\		17	18		—>>> B35_L3_P	7
7	B35 122 NK/	B35_L22_N B35_L22_P	19	20	B35_L5_P B35_L5_N	—>>> B35_L5_P	7
7	B35_L22_N B35_L22_P	D30_L22_P	21	22 24	D30_L0_IN	—≫ B35 L5 N	7
		B35 L20 N	25	26	B35_L10_P		
7	B35_L20_N B35_L20_P	B35_L20_P	27	28	B35_L10_N	B35_L10_P B35_L10_N	7 7
7	B35_L20_P(\		29	30		—((D35_L10_I4	,
7	B35 19 NK/	B35_L19_N	31	32	B35_L12_N		7
7	B35_L19_N B35_L19_P	B35_L19_P	33	34 36	B35_L12_P	——≪B35 L12 P	7
		B35 L24 N	37	38	B35_L11_N		
7	B35_L24_N\\ B35_L24_P\\	B35 L24 P	39	40	B35 L11 P	—— ✓ B35_L11_N	7
7	B35_L24_P <<		41	42		——≪B35_L11_P	7
7	DOE 14 N //-	B35_L4_N	43	44	B35_L23_P	—>>> B35_L23_P	7
7	B35_L4_N	B35_L4_P	45	46	B35_L23_N	—————————————————————————————————————	7
		B35_L1_N	47 49	48 50	B35_L21_P		
7	B35_L1_N	B35 L1 P	51	52	B35_L21_N	——⟨⟨B35_L21_P	7
7	B35_L1_P <<		53	54		—————————————————————————————————————	7
_	DOS 140 N//-	B35_L16_N	55	56	B35_L14_P	// DOE 144 D	7
7	B35_L16_N B35_L16_P	B35_L16_P	57	58	B35_L14_N	B35_L14_P B35_L14_N	7
- '		B35 L18 N	59	60	B35_L13_N	((200_211_11	
7	B35_L18_N B35_L18_P	B35_L16_N	61	62 64	B35 L13 P		7
7	B35_L18_P(\(\bigcup_	D00_E10_1	65	66	D00_E10_1	——⟨⟨B35_L13_P	7
		B35_L15_N	67	68	B35_L17_N	//	_
7	B35_L15_N B35_L15_P	B35_L15_P	69	70	B35_L17_P	B35_L17_N B35_L17_P	7 7
- /	D35_L15_P\\\		71	72			,
7	B35 17 N <<∕─	B35_L7_N B35_L7_P	73	74	B12_L13_N B12_L13_P	—>>B12 L13 N	5
7	B35_L7_N	D35_L1_P	75 77	76 78	BIZ_LI3_P	—≫B12_L13_N —≫B12_L13_P	5
		B35_L6_N	79	80	B12 L14 N	***	
7	B35_L6_N B35_L6_P	B35_L6_P	81	82	B12_L14_P	—>>> B12_L14_N —>>> B12_L14_P	5 5
7	B35_L6_P ((83	84		—//B12_L14_P	5
5	B12 L9 N <<	B12_L9_N B12_L9_P	85	86	B12_L16_N	—>>B12 L16 N	5
5	B12_L9_N	B12_L9_P	87 89	88 90	B12_L16_P	—≫B12_L16_N —≫B12_L16_P	5
		B12_L10_N	91	92	B12_L17_N	***	
5	B12_L10_N \ B12_L10_P	B12_L10_P	93	94	B12_L17_P	—>>> B12_L17_N —>>> B12_L17_P	5
5	B12_L10_P (\		95	96		—)) b12_L1/_P	5
5	B12 L11 N <<	B12_L11_N B12_L11_P	97	98	B12_L18_N	—>>>B12 L18 N	5
5	B12_L11_N	B12_L11_P	99	100	B12_L18_P	—≫B12 L18 P	5
		B12_L12_N	103	102	B12 L20 N		
5	B12_L12_N	B12_L12_P	105	106	B12_L20_P	—— → → → → → → → → → → → →	5
5	R15_F15_b <<		107	108		—/>B12_L20_P	5
5	B12 L6 N (/	B12_L6_N	109	110	B12_L22_N	—>>> B12_L22_N	5
5	B12_L6_N	B12_L6_P	111	112	B12_L22_P	——≫B12 L22 P	5
J		PS POR B	113 115	114	B12 L23 N		
3	PS_POR_B <	SYS_RESET	117	118	B12_L23_P	—— B12_L23_N	5
3	SYS_RESET &		119	120		——≫B12_L23_P	5
			<u> </u>	AXK5A2137YG	-		
			- 5	= =			

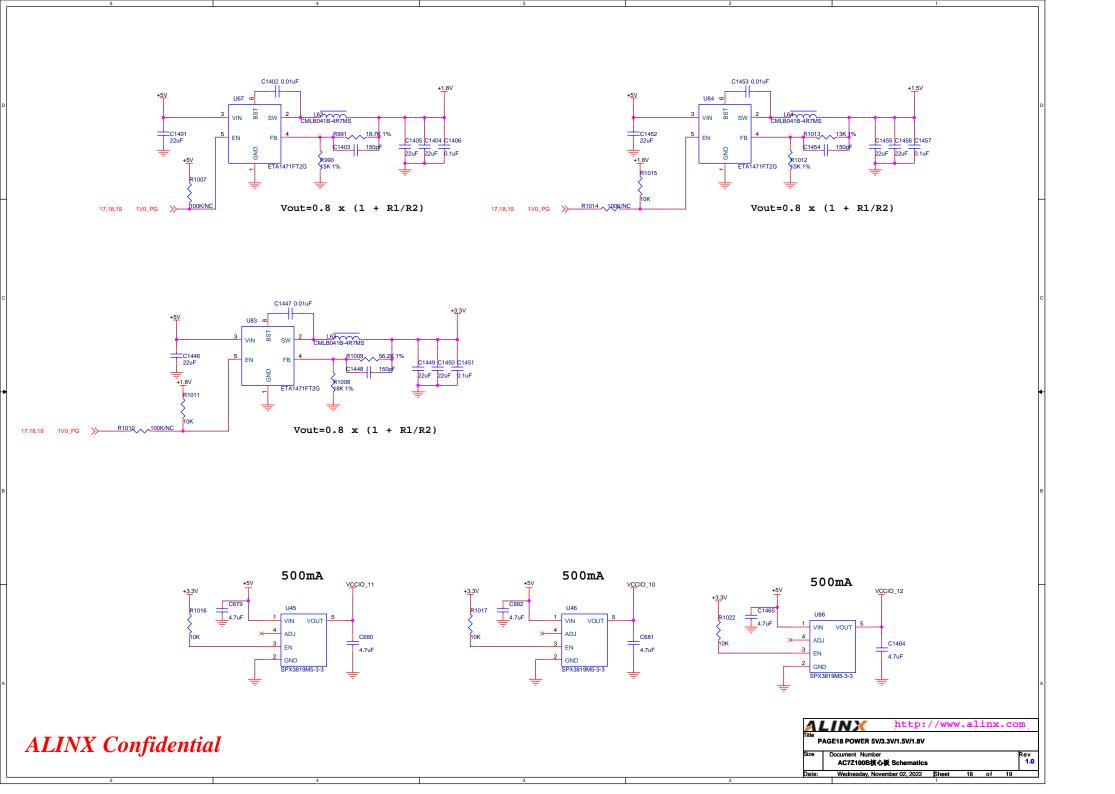
			J	J32				
		DC MIOE			1 -	DC MIO47		
3	PS_MIO5 SS-	PS_MIO5 PS_MIO4	1		2	PS_MIO17		3
3	PS_MIO4 X	PS_MIU4	3		4	PS_MIO18	PS_MIO17 PS_MIO18	3
	. 0	DO 111044	5		6	DO 141040	// 1 G_IIII G 10	•
3	PS MIO14 (PS_MIO14 PS_MIO15	7		8	PS_MIO19 PS_MIO20	—>>> PS_MIO19	3
3	PS_MIO14 S- PS_MIO15	PS_MIO15	9		10	PS_MIO20		3
·	1.0_1110.10 ((DO MIOSO	11		12	DO 141040	// 1 G_IIIIGEG	•
3	PS MIO52 <<-	PS_MIO52 PS_MIO53	13		14	PS_MIO16 PS_MIO21	->>> PS_MIQ16	3
3	PS_MIO52 SPS_MIO53	PS_MIO53	15		16	PS_WIOZ1	PS_MIO16 PS_MIO21	3
		PS_MIO7	17		18	PS MIO26	//	_
3	PS_MIO7 <<	PS_MIO7	19 21		20	PS_MIO25	->> PS MIO26	3
	. 0		23		24	PS_IVIIO25	PS_MIO26 PS_MIO25	3
		PS MIO40				PS MIO24	**	
3	PS_MIO40 S-PS_MIO41	PS_MIO40	25		26	PS_MIO23	—>>> PS MIO24	3
3	PS MIO41 X	F3_WIO41	27		28	F3_WIO23	PS_MIO24 PS_MIO23	3
		DC MIO42	29 31		30	PS_MIO27	,, , , , , , , , , , , , , , , , , , , ,	
3	PS MIO42 <<	PS_MIO43	33		34	PS_MIO22	——>>> PS_MIO27	3
3	PS_MIO42 S- PS_MIO43	1 0_101040	35		36	T O_INITOEE	->> PS_MIO22	3
		PS MIO44	37		38	PS MIO30		
3	PS_MIO44 <<-	PS MIO45	39		40	PS MIO29	—>>> PS_MIO30	3
3	PS_MIO44 S- PS_MIO45	F3_WIO45	41		42	F3_IVIIO29	PS_MIO30 PS_MIO29	3
		B12 L2 N	43		44	PS_MIO36		
5	B12_L2_N \\ B12_L2_P \\	B12 L2 P	45		46	PS_MIO31	PS_MIO36 PS_MIO31	3
5	B12 L2 P <<-	012_02_1	47		48	1 0_1411031	>> PS_MIO31	3
		D12 L4 N	49		50	PS MIO32		
5	B12_L4_N <<-	B12_L4_P	51		52	PS_MIO33	>> PS_MIO32	3
5	B12_L4_N \\ B12_L4_P \\	812200	53		54	1 0_1111000	PS_MIO32 PS_MIO33	3
		B12 L19 P	55		56	PS_MIO34		
5	B12_L19_P	B12 L19 N	57		58	PS MIO35	——>>> PS_MIO34	3
5	B12_L19_N <i><</i> <-		59		60		PS_MIO34 PS_MIO35	3
		B12 L3 P	61		62	PS_MIO28		
5	B12_L3_P	B12_L3_N	63		64	PS_MIO37	PS_MIO28 PS_MIO37	3
5	B12_L3_N <<-		65		66		──>>> PS_MIO37	3
		B12 L5 P	67		68	PS_MIO38		
5	B12_L5_P	B12 L5 N	69		70	PS_MIO39	PS_MIO38 PS_MIO39	3
5	B12_L5_N <<-		71		72		PS_MIO39	3
	,,,	B12 L8 N	73		74	B12_L21_P		
5	B12_L8_N \\ B12_L8_P \\	B12 L8 P	75		76	B12 L21 N	—— B12_L21_P	5
5	B12_L8_P <<-		77		78		—— → → → → → → → → → → → →	5
		B12 L15 N	79		80	B12_L7_N	N	
5	B12_L15_N B12_L15_P	B12_L15_P	81		82	B12_L7_P	——≫ B12_L7_N ——≫ B12_L7_P	5
5	B12_L15_P ((-		83		84		—	5
4	D44 100 N//	B11_L23_N	85		86	B11_L11_P	N D44 144 D	
4	B11_L23_N \\ B11_L23_P \\	B11_L23_P	87		88	B11_L11_N	—>>> B11_L11_P >> B11_L11_N	4
4	B11_L23_P ((-		89		90		——>>> BII_FII_IN	4
4	D11 1 21 N//-	B11_L21_N	91		92	B11_L9_P	11000	
4	B11_L21_N <<- B11_L21_P <<-	B11_L21_P	93		94	B11_L9_N	B11_L9_P B11_L9_N	4
4	BII_LZI_P \\		95		96		//B11_L9_N	4
4	D11 122 N//-	B11_L22_N	97		98	B11_L10_N	—≫B11_L10_N	4
4	B11_L22_N \\\- B11_L22_P \\\-	B11_L22_P	99		100	B11_L10_P		4
7	DITTERED (101		102		// BII_LIU_F	*
4	R11 17 P ((-	B11_L7_P	103		104	B11_L24_P	—->> R11 I 24 P	4
7	B11_L7_P	B11_L7_N	105		106	B11_L24_N	——≫B11_L24_P ——≫B11_L24_N	4
7	BITELLIA ((+5V	107		108	+5V	// BIII_CE I_II	
		· '	109		110	_		
			111		112	→		
			113		114	→		
			115		116	→		
			117		118 120	→		
			119		120			
			1 4		J XK5A2137YG			
		-	_	- 2 %* A	ANDAZ 13/16			
			王	5.5	- T			



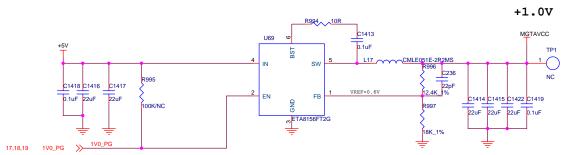
+1.0V 20A



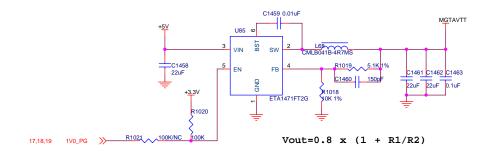
+5V R256 100K/NC ON/OFF_1 R255 100K/NC

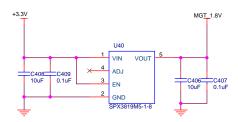


1.0V POWER 6A



 $Vout=0.6 \times (1 + R1/R2)$





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