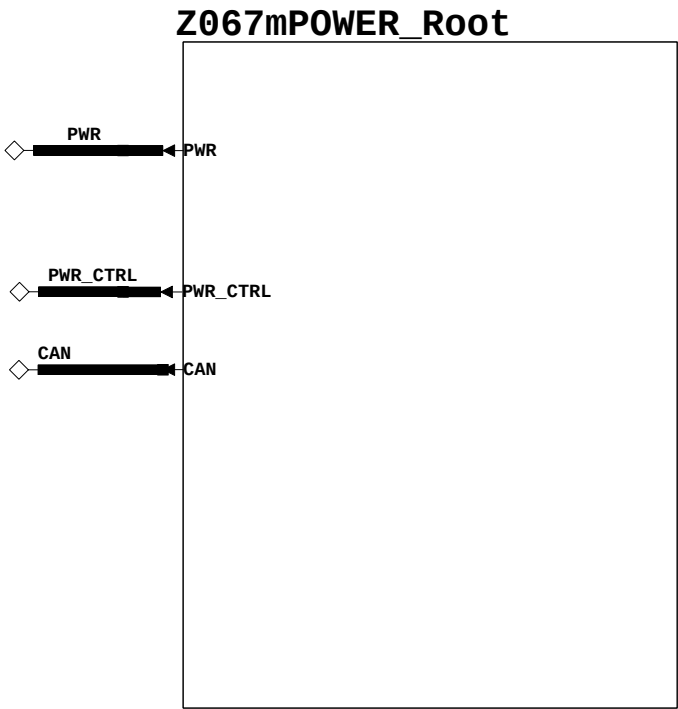
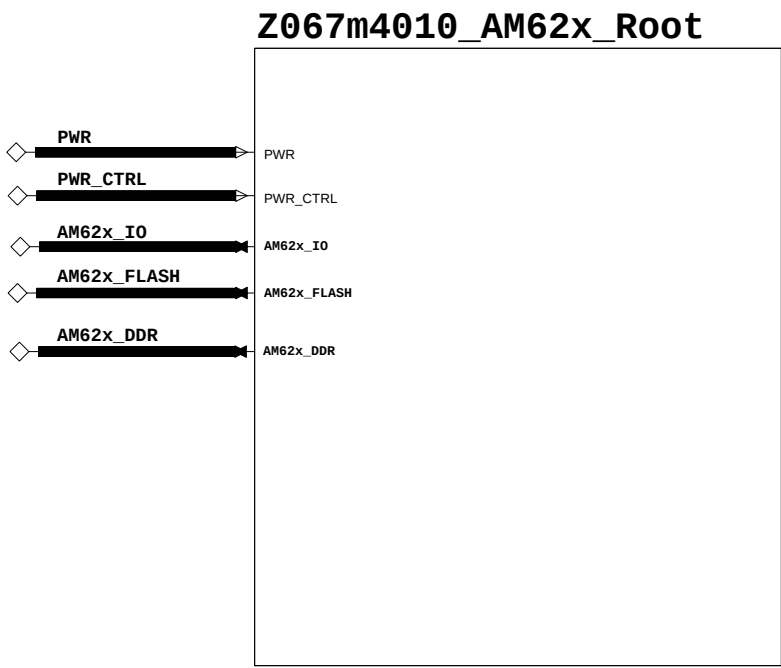
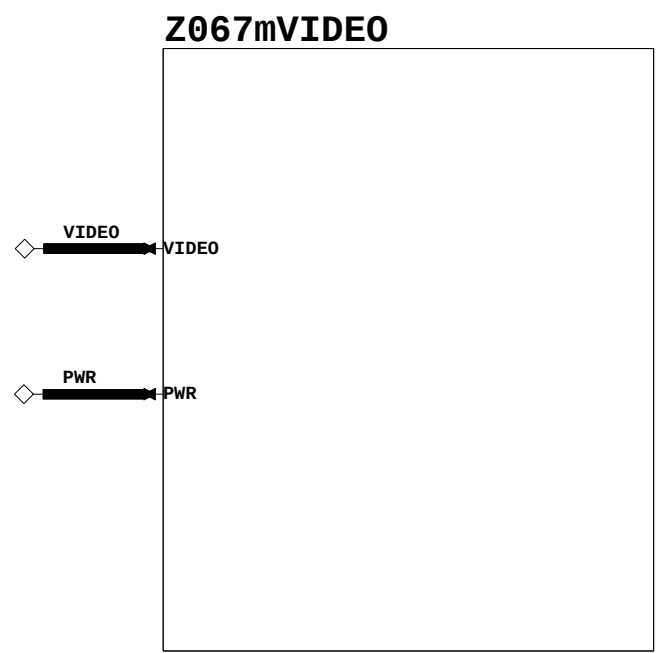
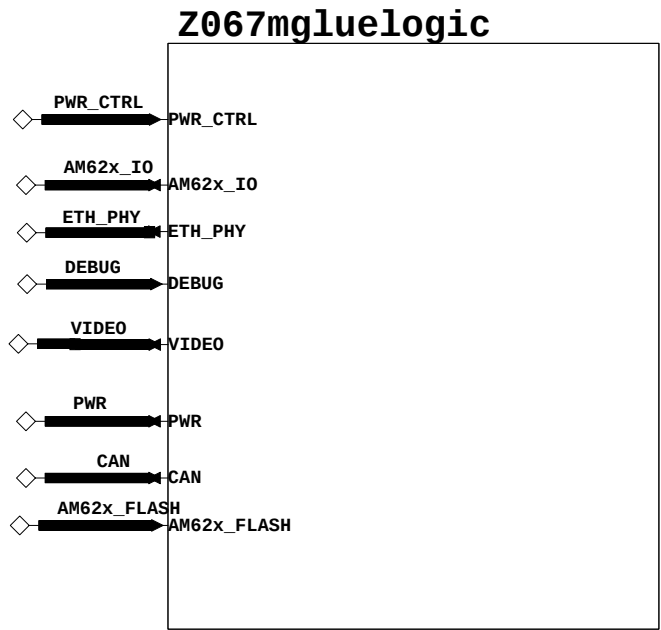
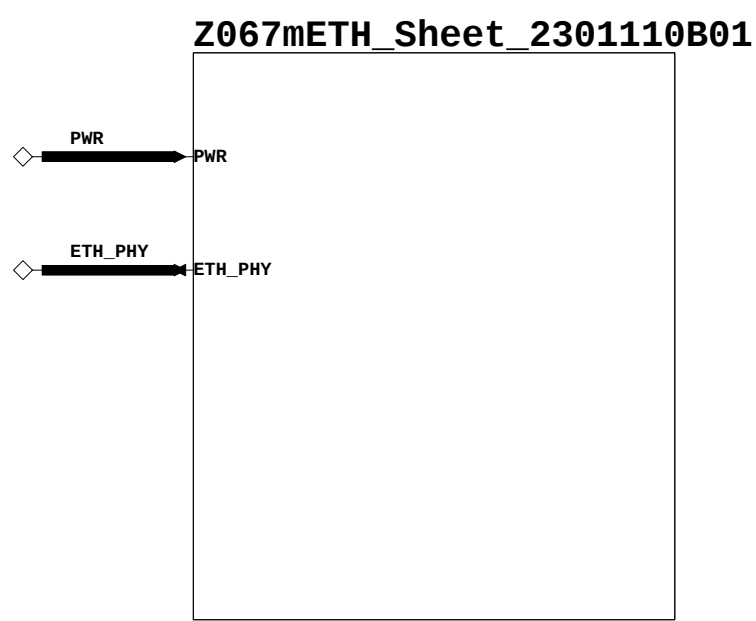
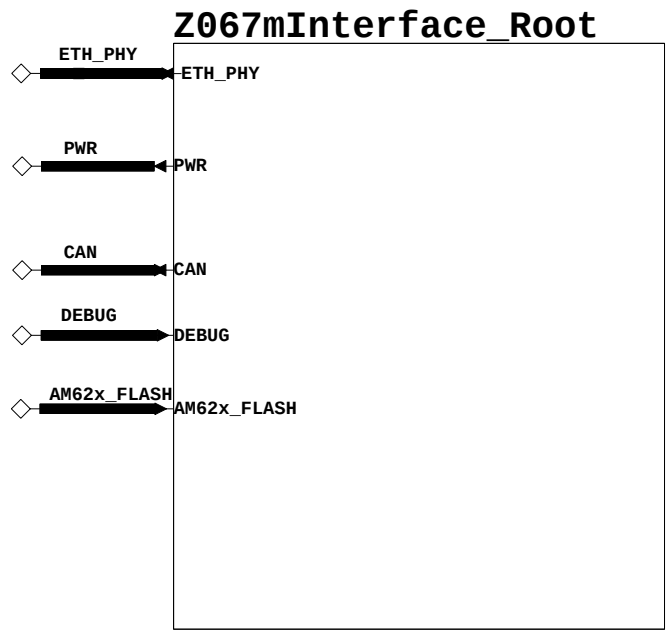
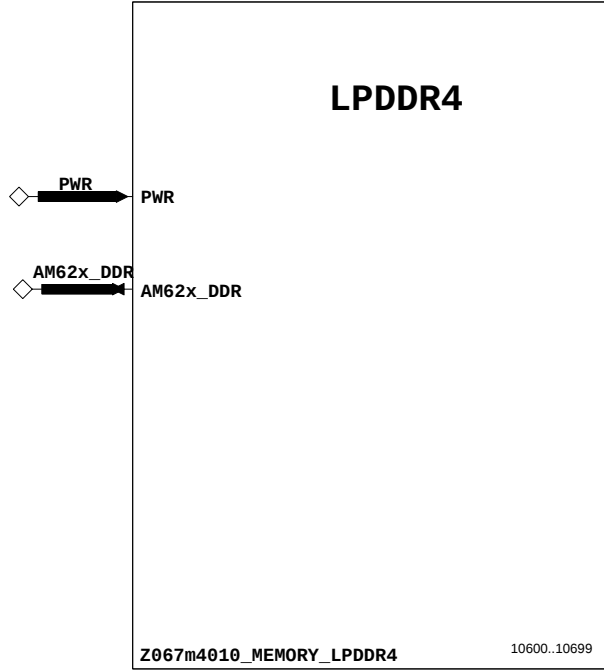
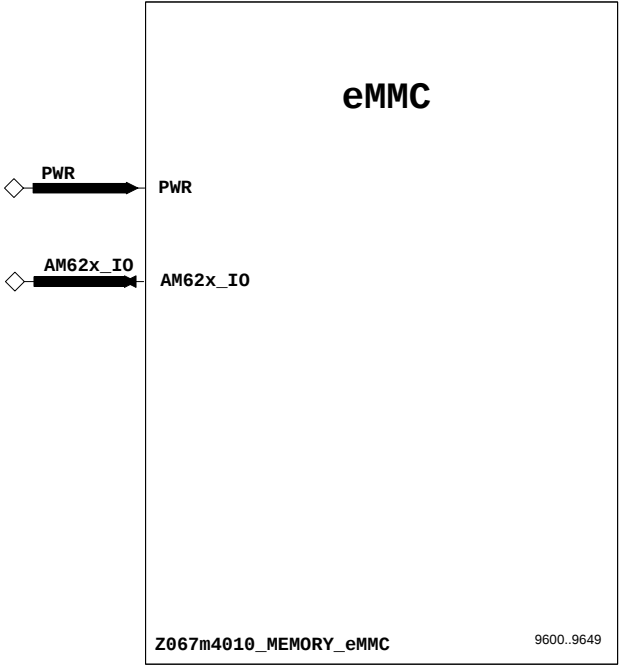
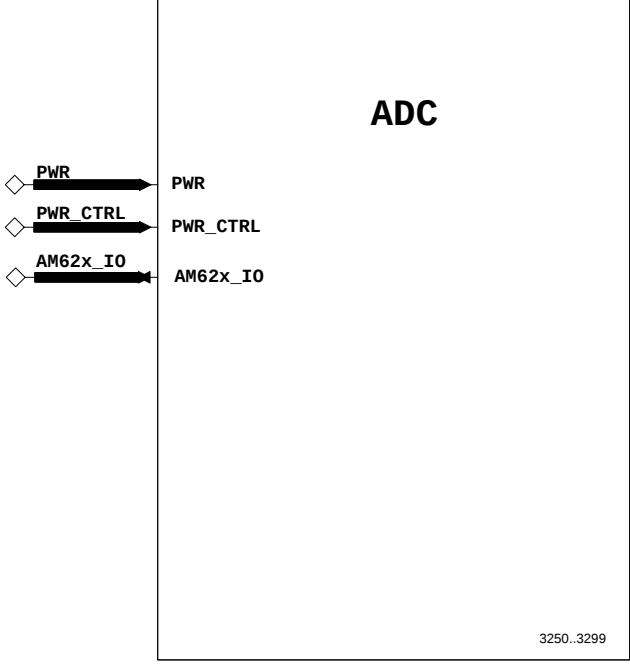
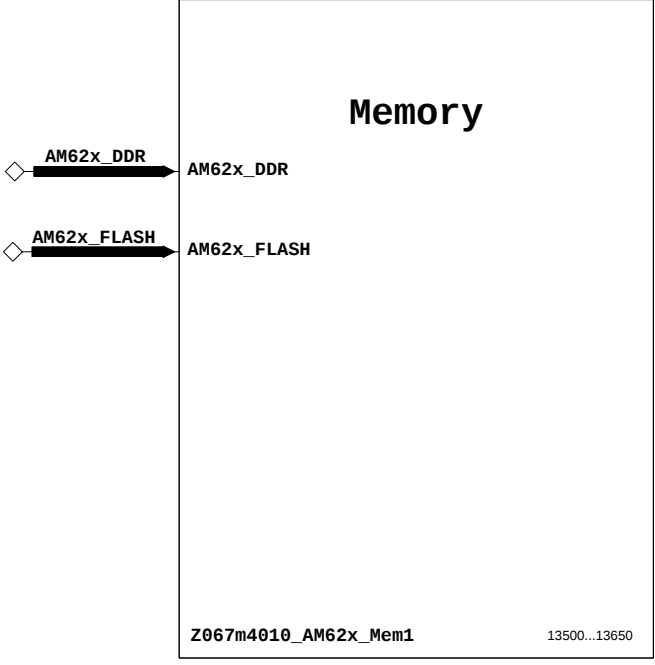
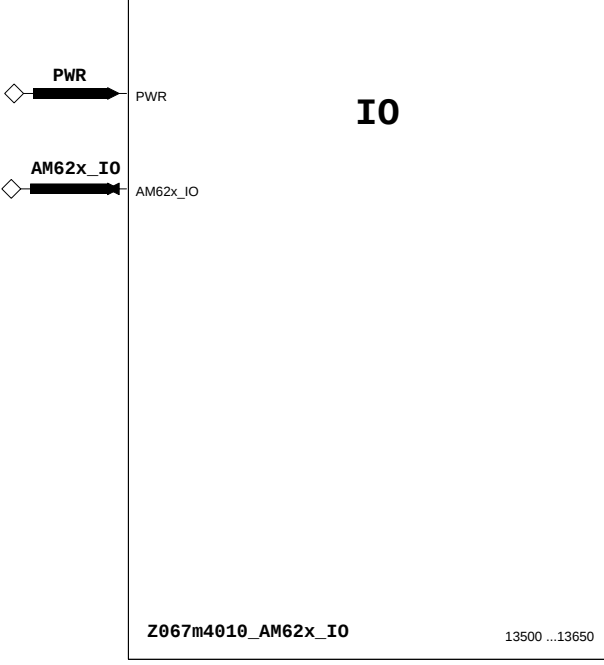
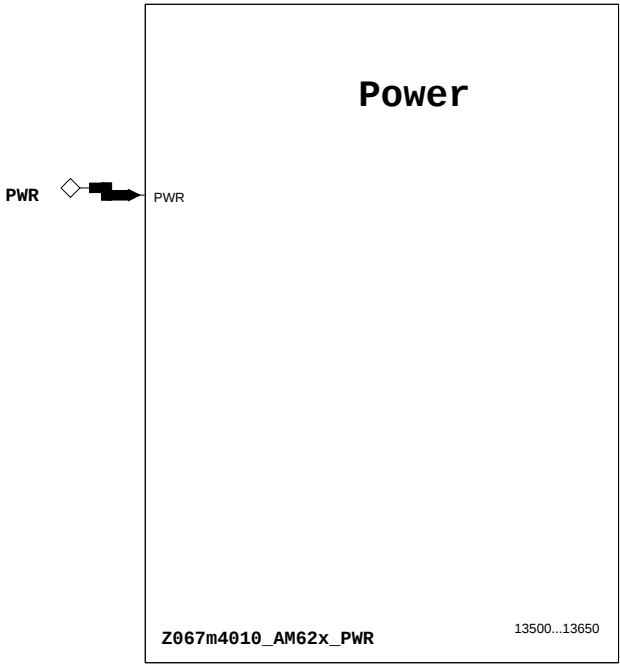
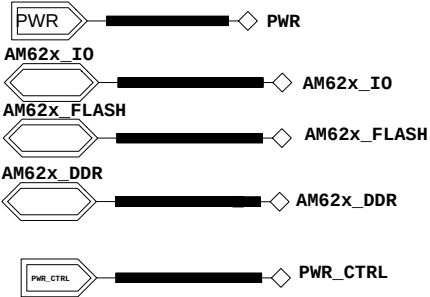


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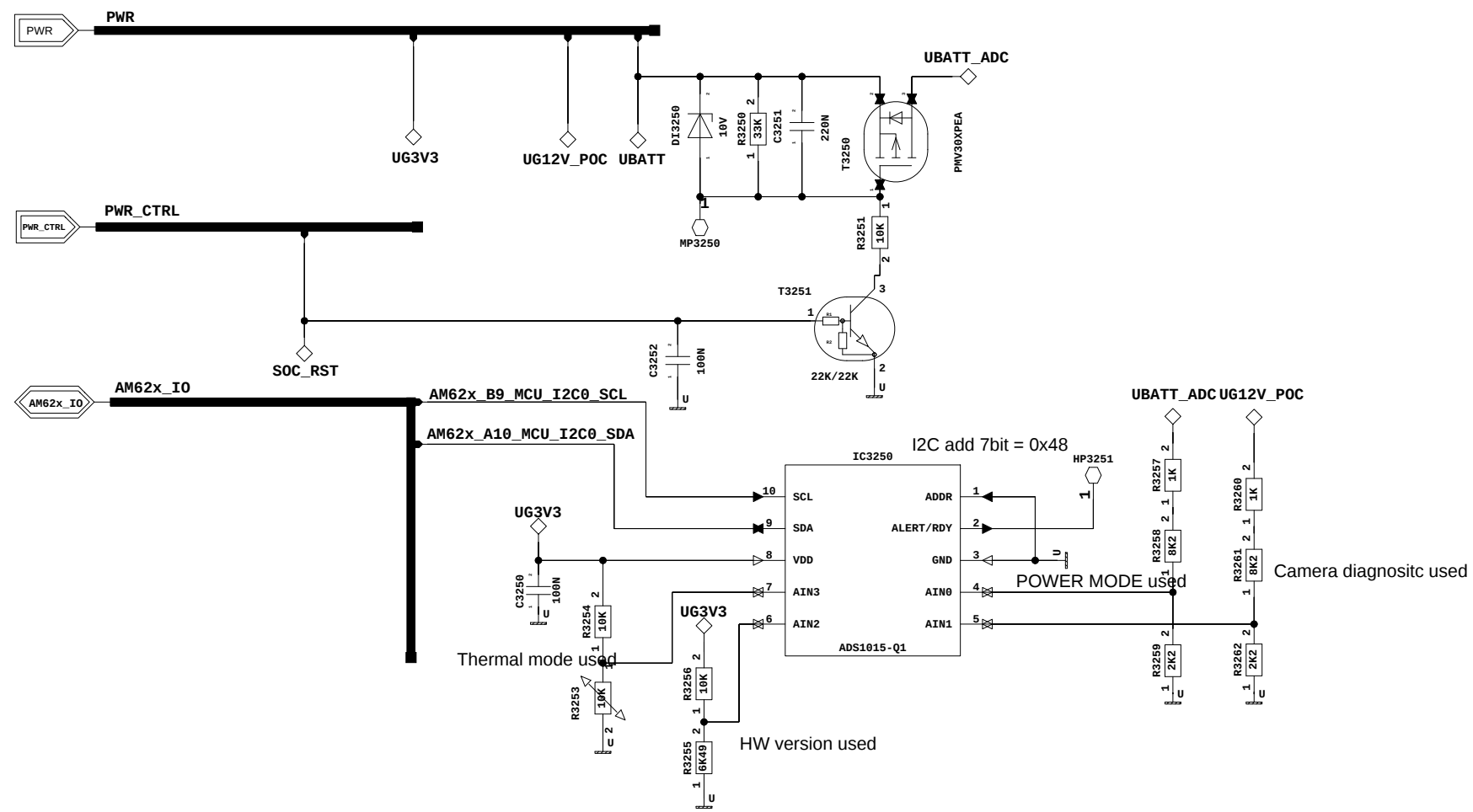


Rev.	type of change		change-no.	date of change	auth.	checked
		Copyright reserved	Wiring modifications reserved	date		name
				created		01.19.2023 Yao.Xia
				checked		
schematic			Sheet	Sheets of	Sample	
MVP1 ROOT			1	25	B0	
Z067_m4010_ROOT			Type	Variant	Part Number	
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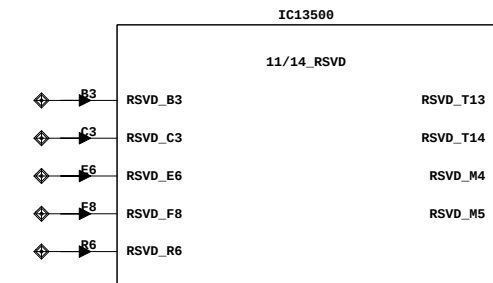
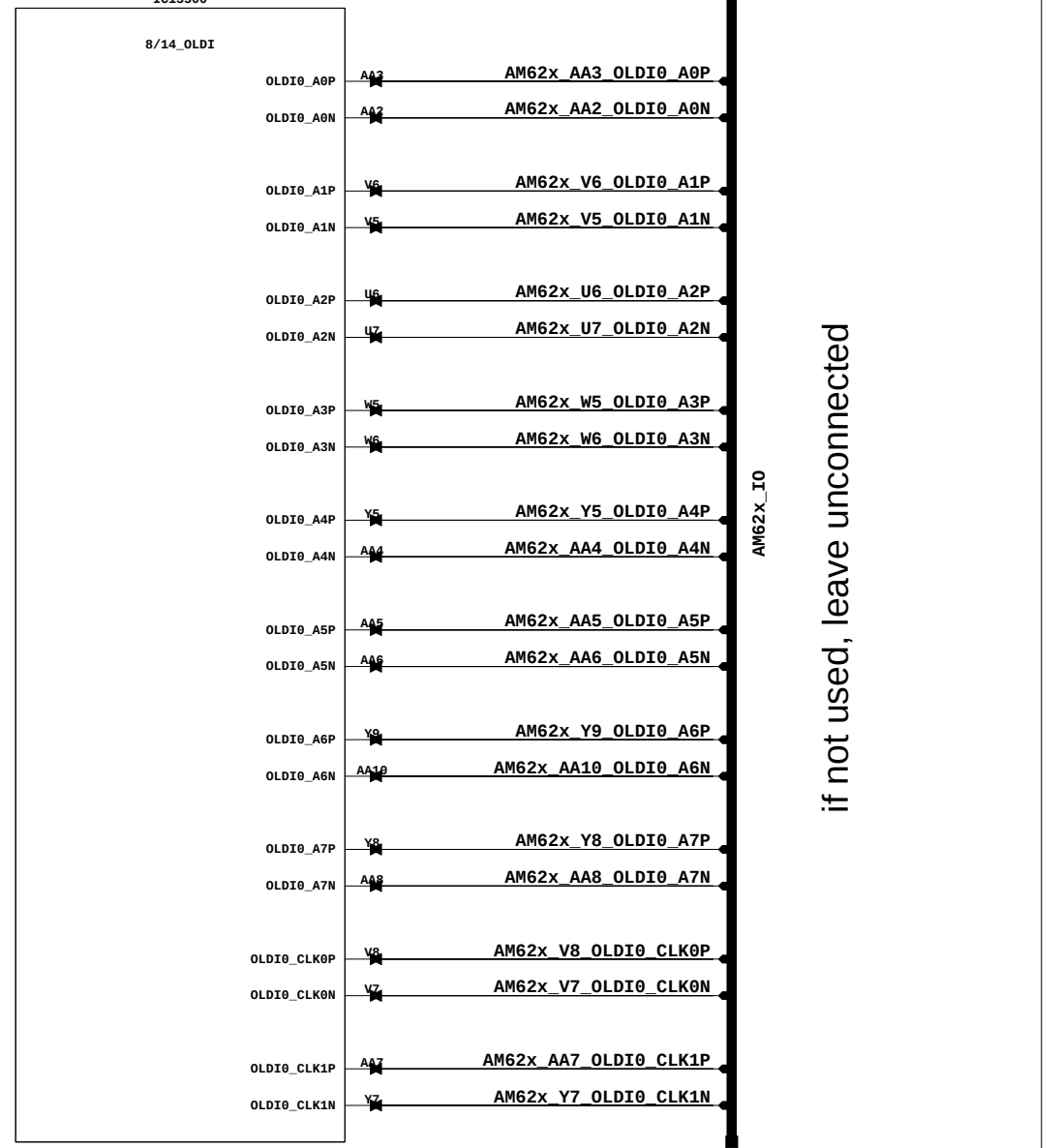
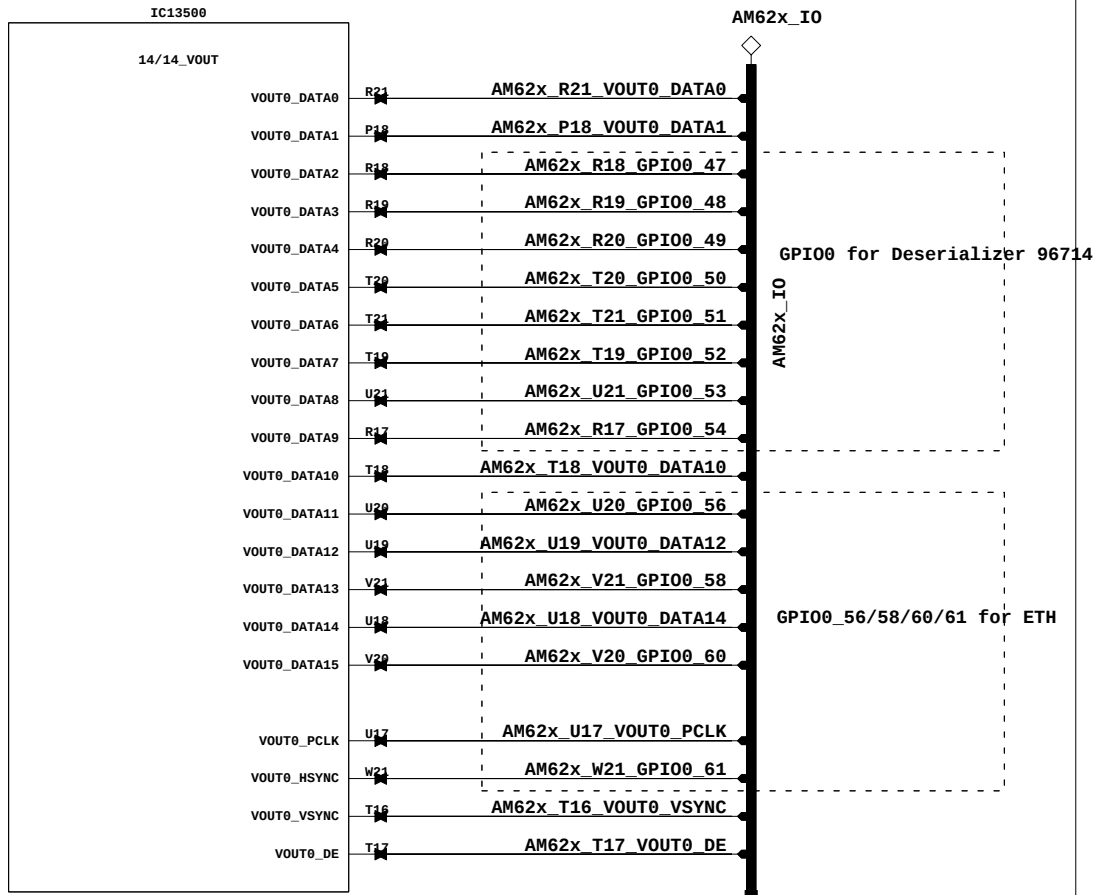
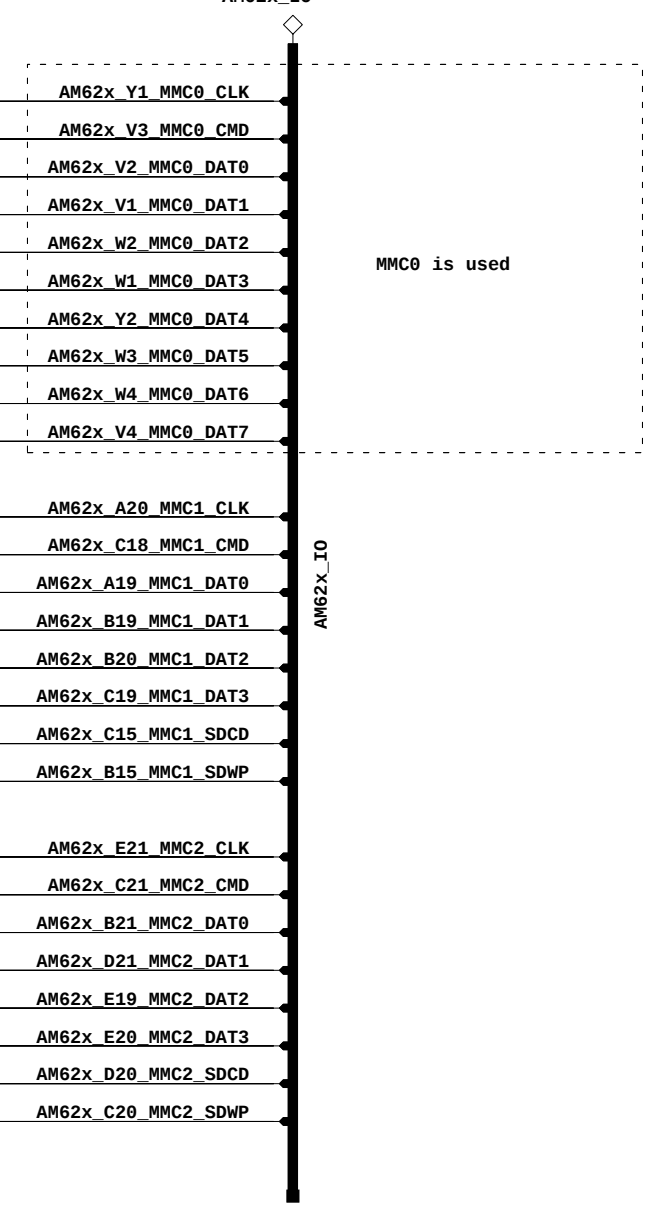
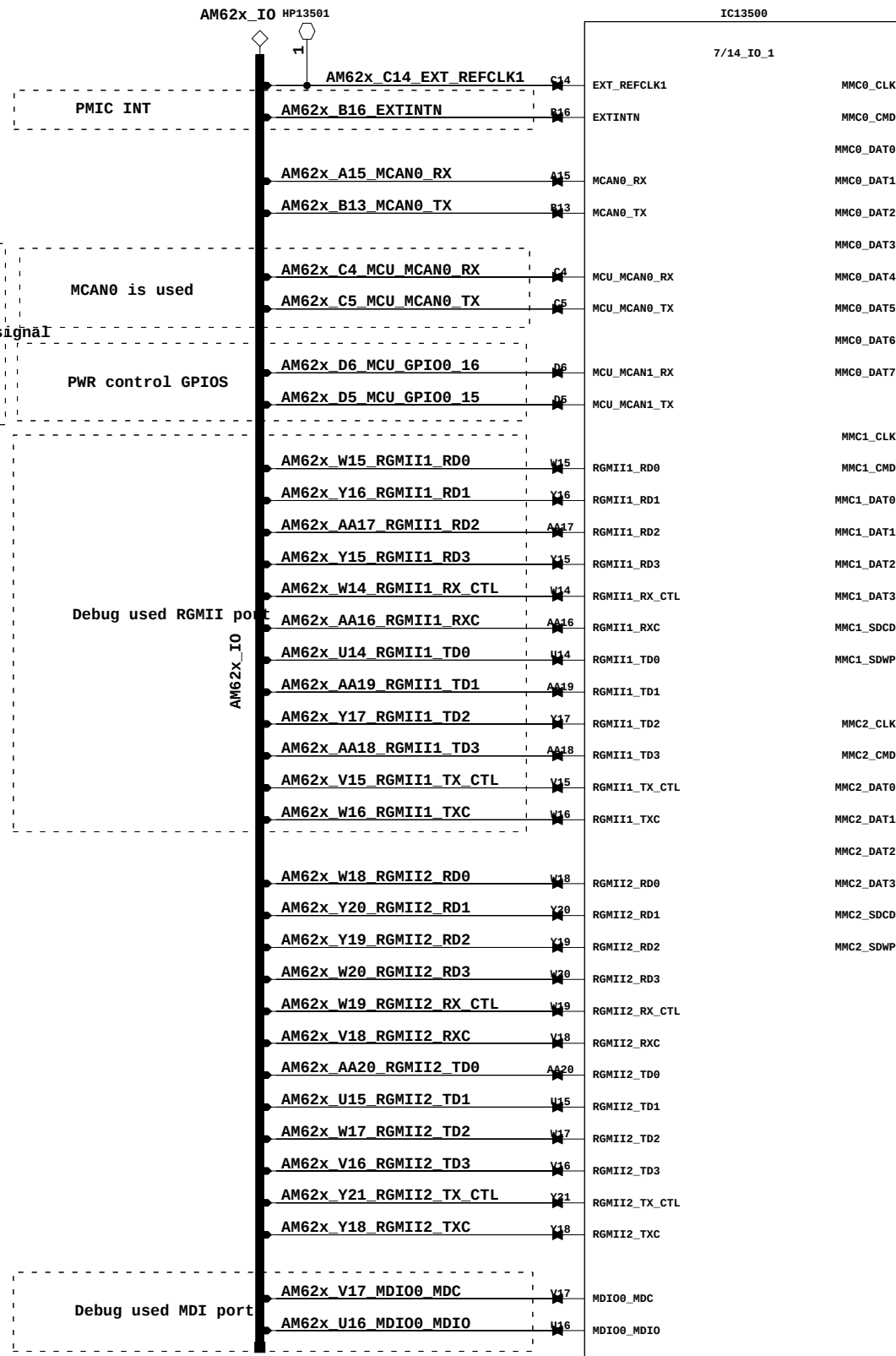
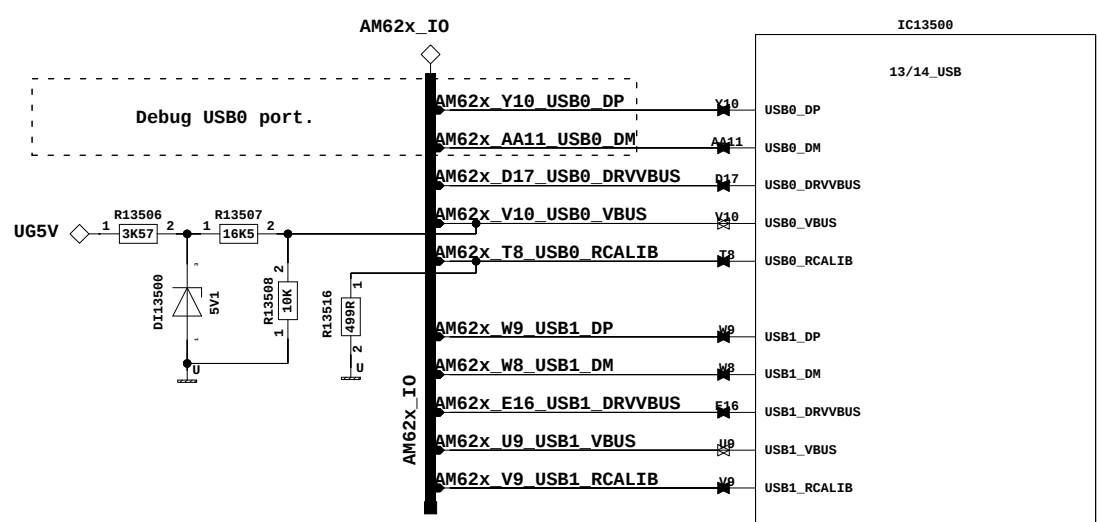
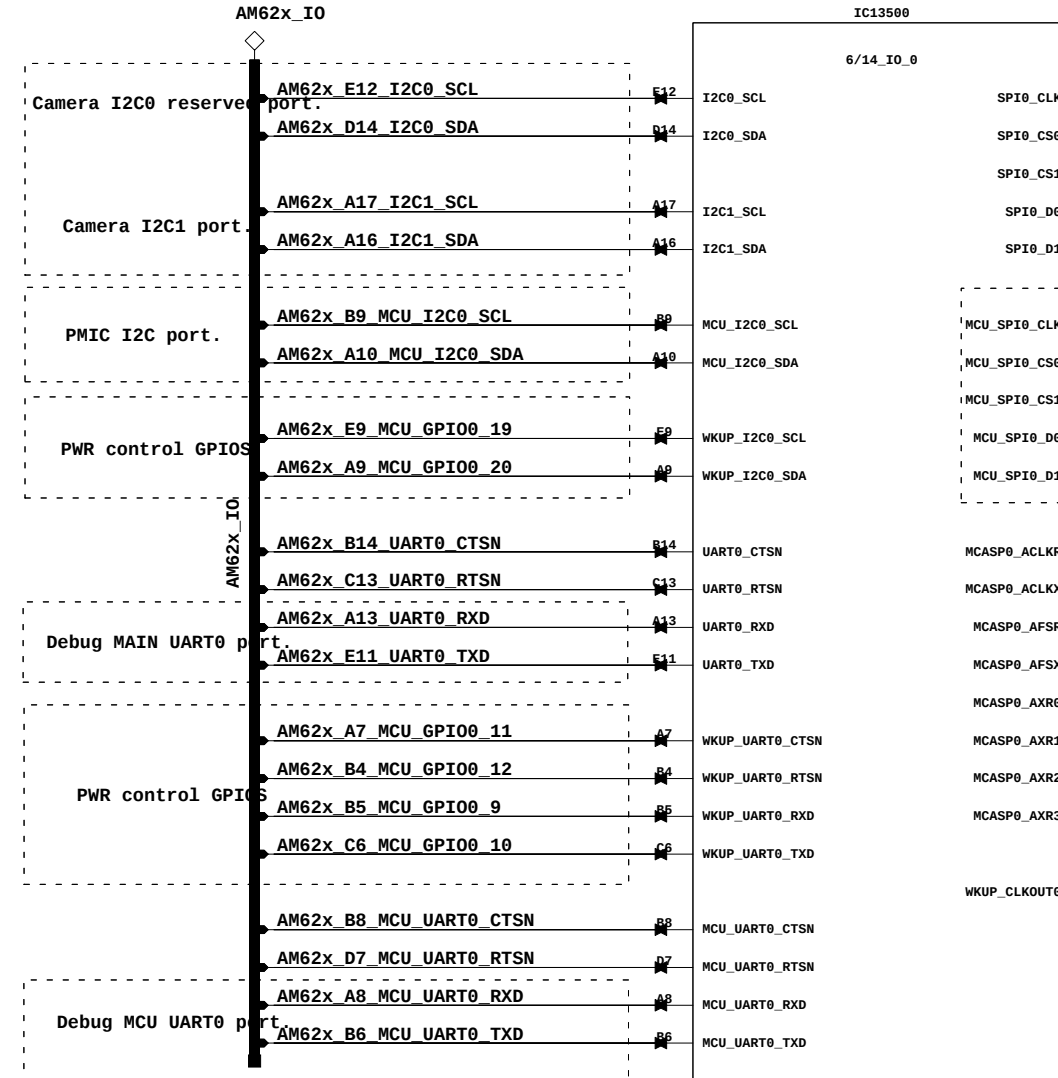
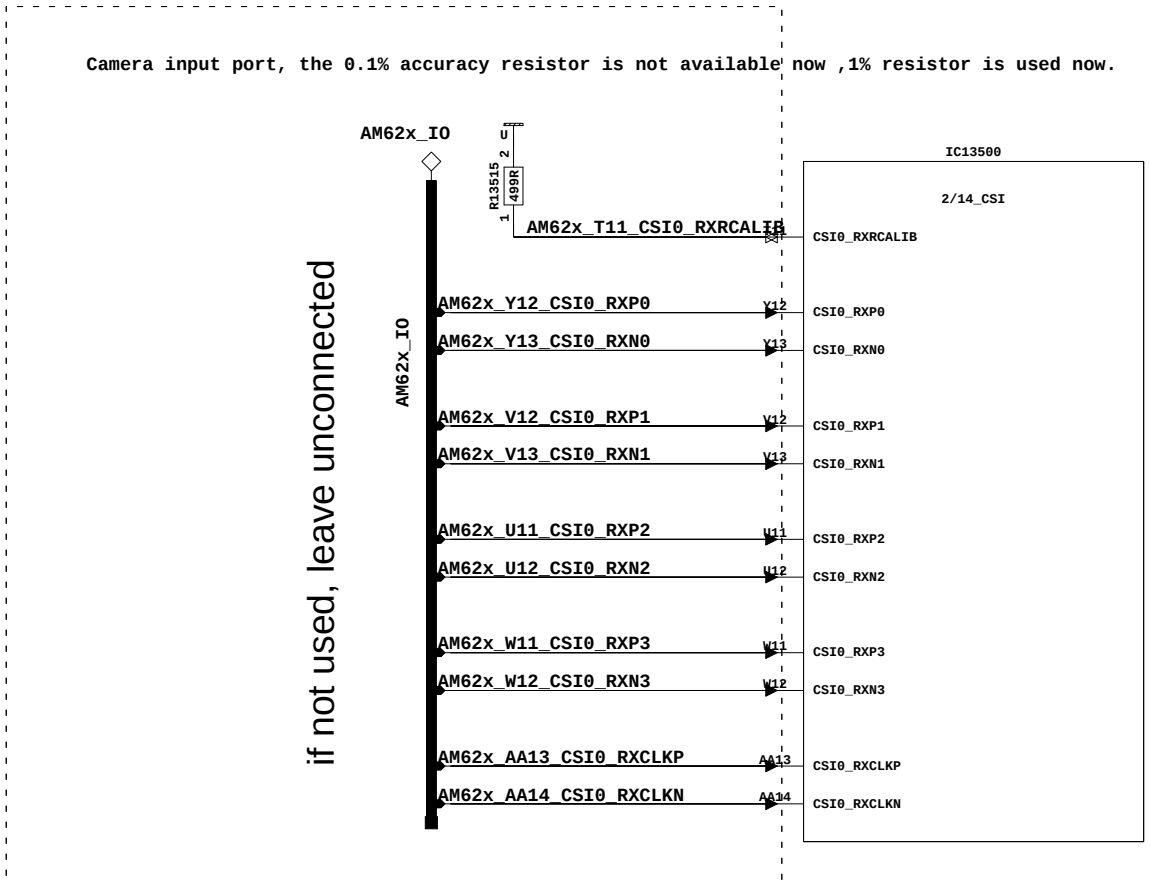
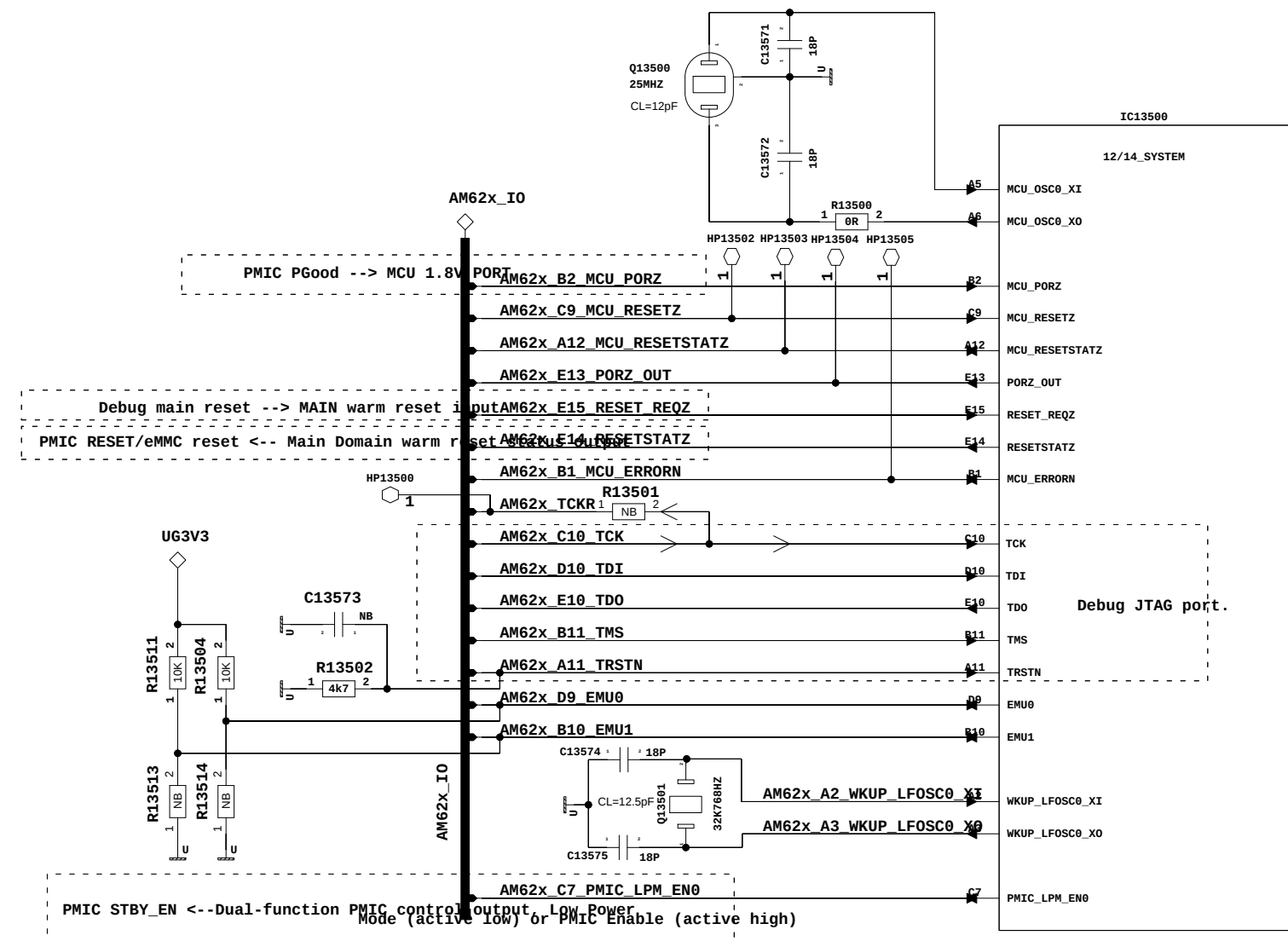
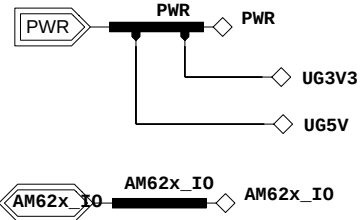
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5							
4							
3							
2							
1	Initial version base on M238_NTG7.				01.31.2023	Jingcheng.Ye	
Rev.	type of change			change-no.	date of change	auth.	checked
		Copyright reserved	Wiring modifications reserved		date	name	
				created	2022-09-19	F. Wittig	
				checked			
schematic AM62x ROOT PAGE				Sheet	Sheets of	Sample	
				2	25	D11	
				Type	Variant	Part Number	
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substitute for:		substitute by:					

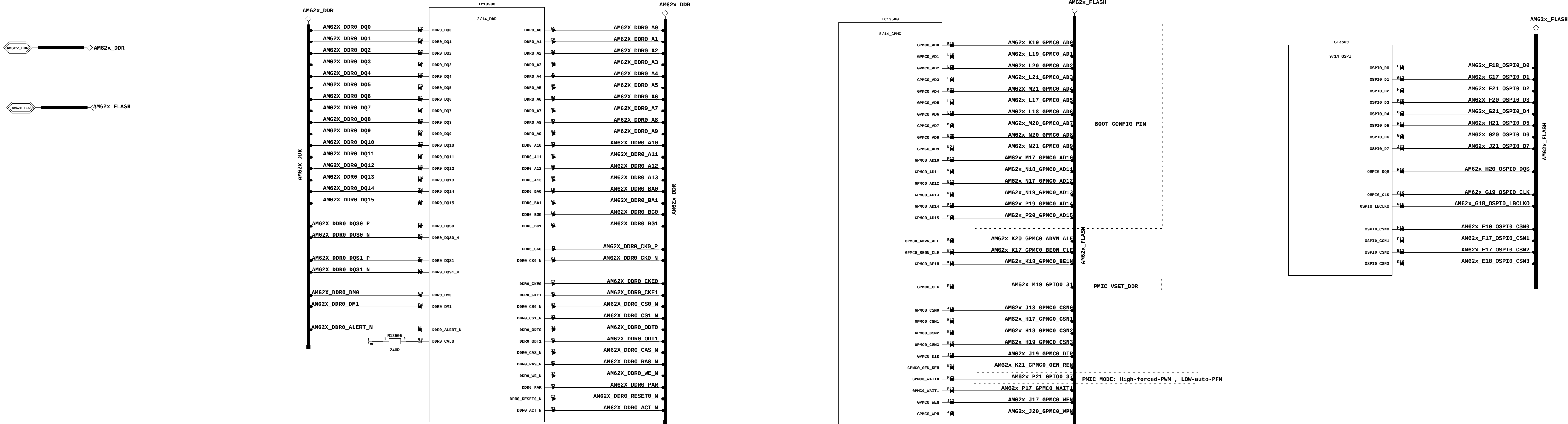


A01	1. initial version .						20230119	Jingcheng.Ye	
Rev.	type of change					change-no.	date of change	auth.	checked
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						created	20221229	Jingcheng.Ye	
						checked			
schematic						Sheet	Sheets of	Sample	
Storage						3	25	B0	
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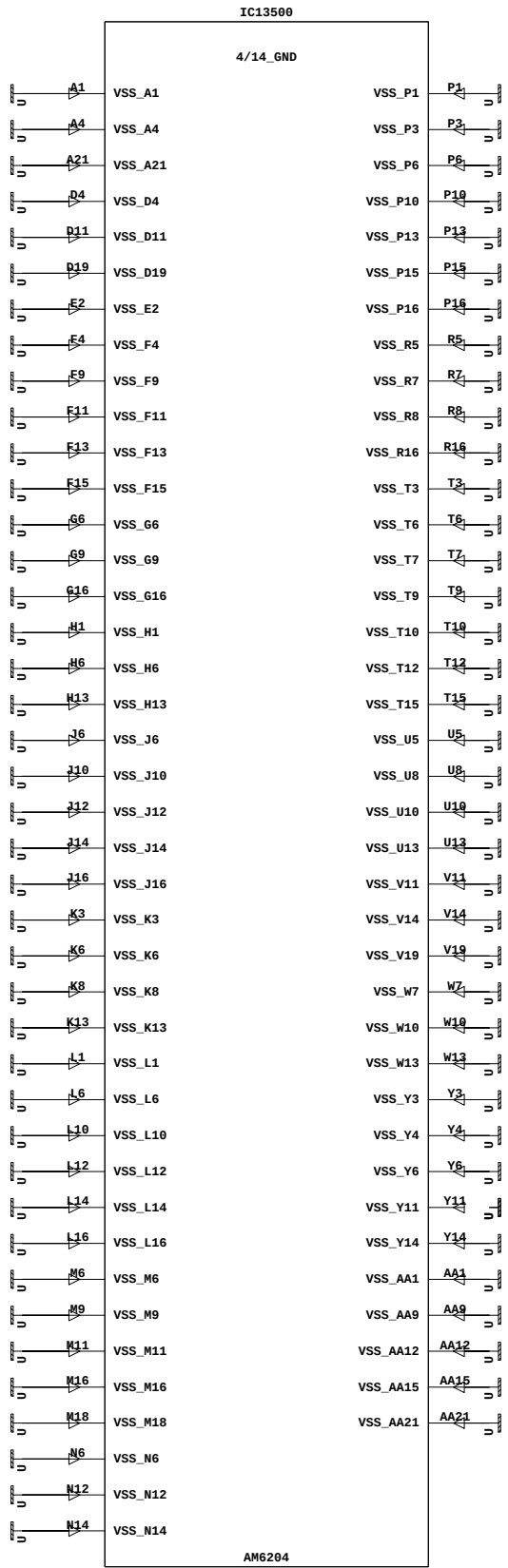


5						13000_13000
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3						
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Rev.	type of change			change-no.	date of change	auth. checked
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				created	2022-09-20	F. Wittig
				checked		
schematic		AM62x IO		Sheet 4	Sheets of 25	Sample D11
206704020_AM62x_IO				Type M238	Variant \${VAR_NAME}	Part Number \${VAR_NUMBER}
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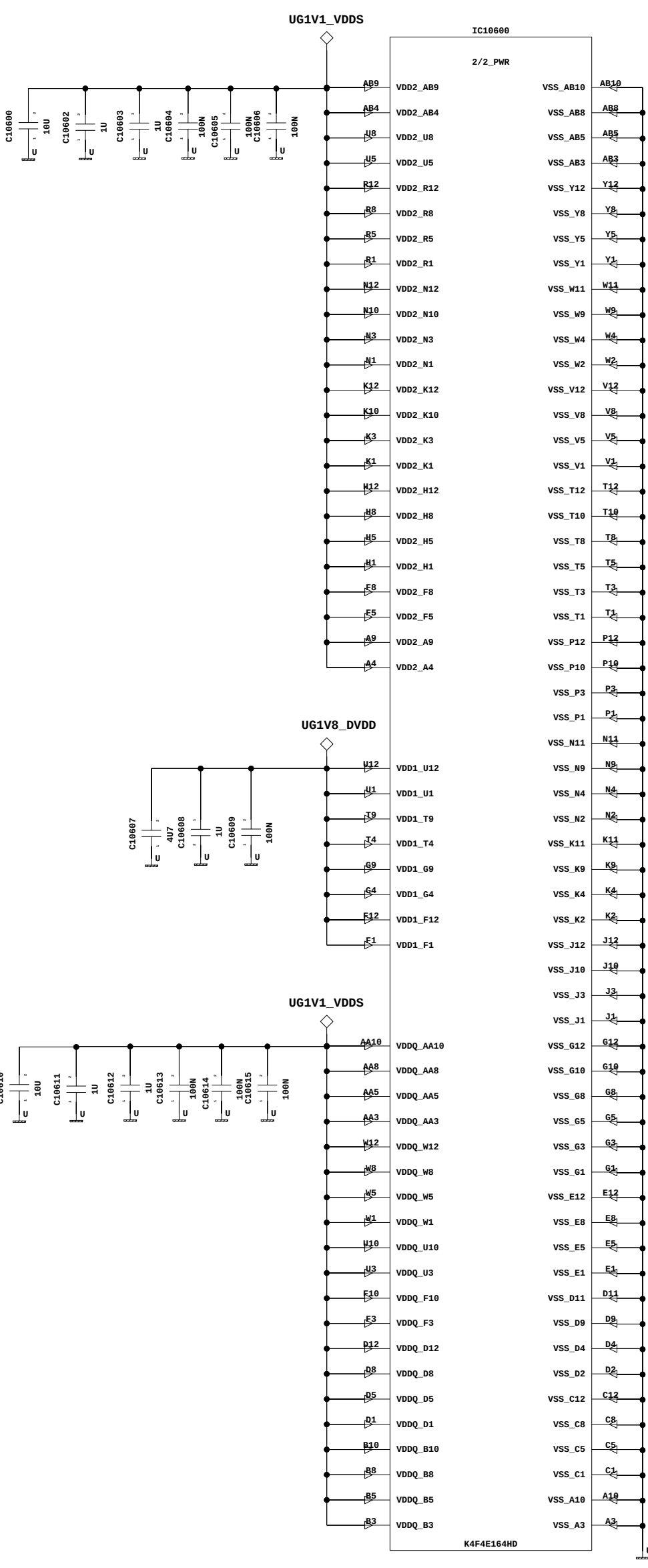
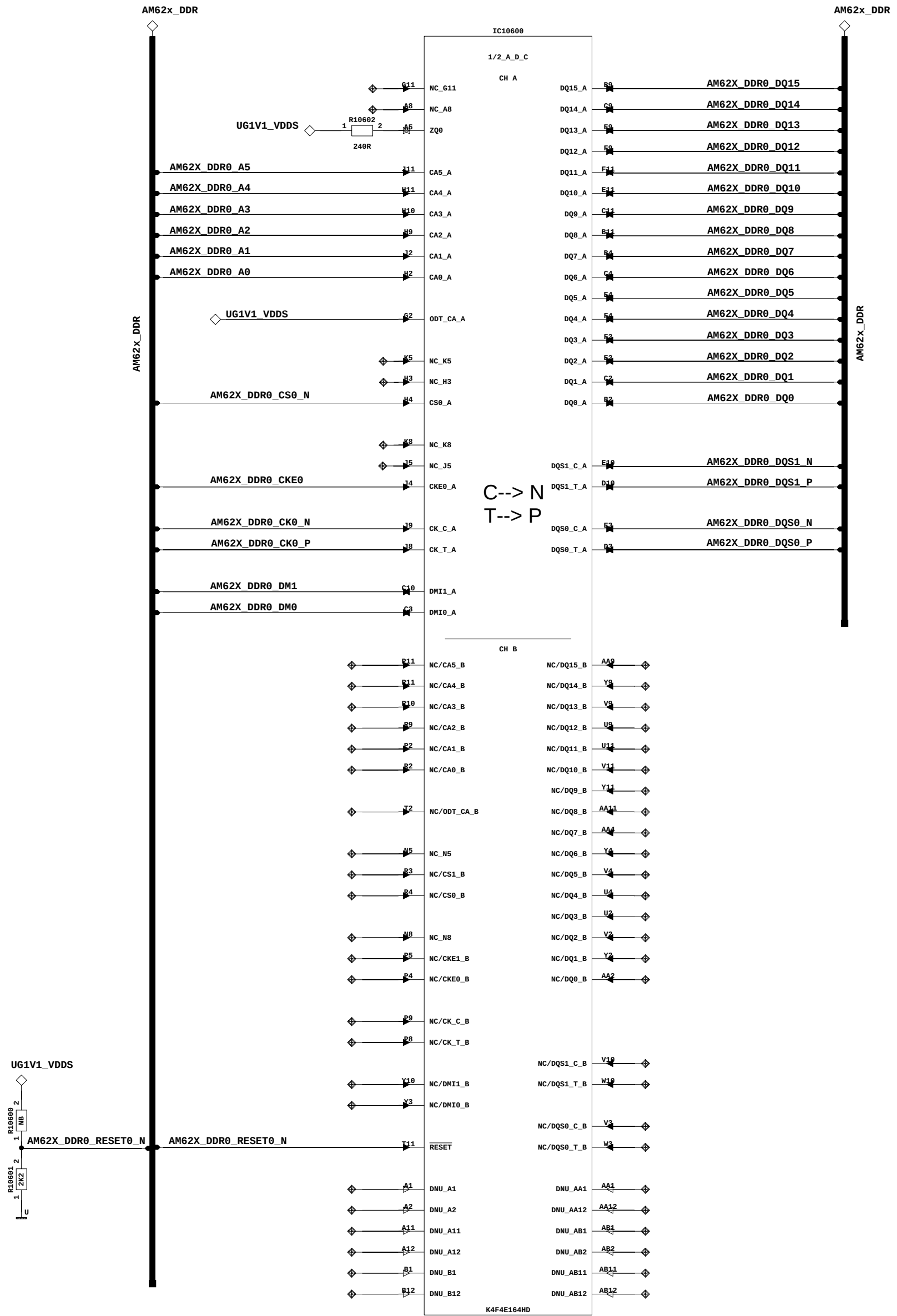
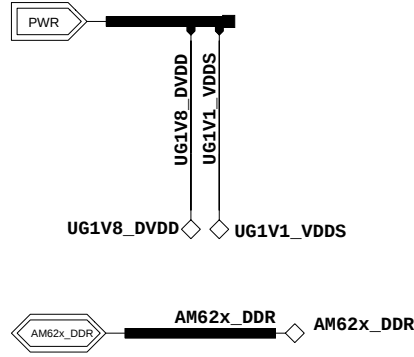
13000 - 13050					
5					
4					
3					
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Rev.	type of change	change-no.	date of change	auth.	checked
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		created	ongoing	F. Wittig	
		checked			
schematic		Sheet 5	Sheets of 25	Sample D11	
206764020_AM62x_Mem		Type M238	Variant	Part Number	
substitute for:				\$[VAR_NAME] \$[VAR_NUMBER]	



IC13500			
1/34_CAP			
CAP_VDD5_CANUART	G8	C13562	1U
CAP_VDD5_NCU	G11	C13563	1U
CAP_VDD50	G12	C13564	1U
CAP_VDD51	L16	C13565	1U
CAP_VDD52	R13	C13566	1U
CAP_VDD53	N15	C13567	1U
CAP_VDD54	N8	C13568	1U
CAP_VDD55	G15	C13569	1U
CAP_VDD56	J16	C13570	1U

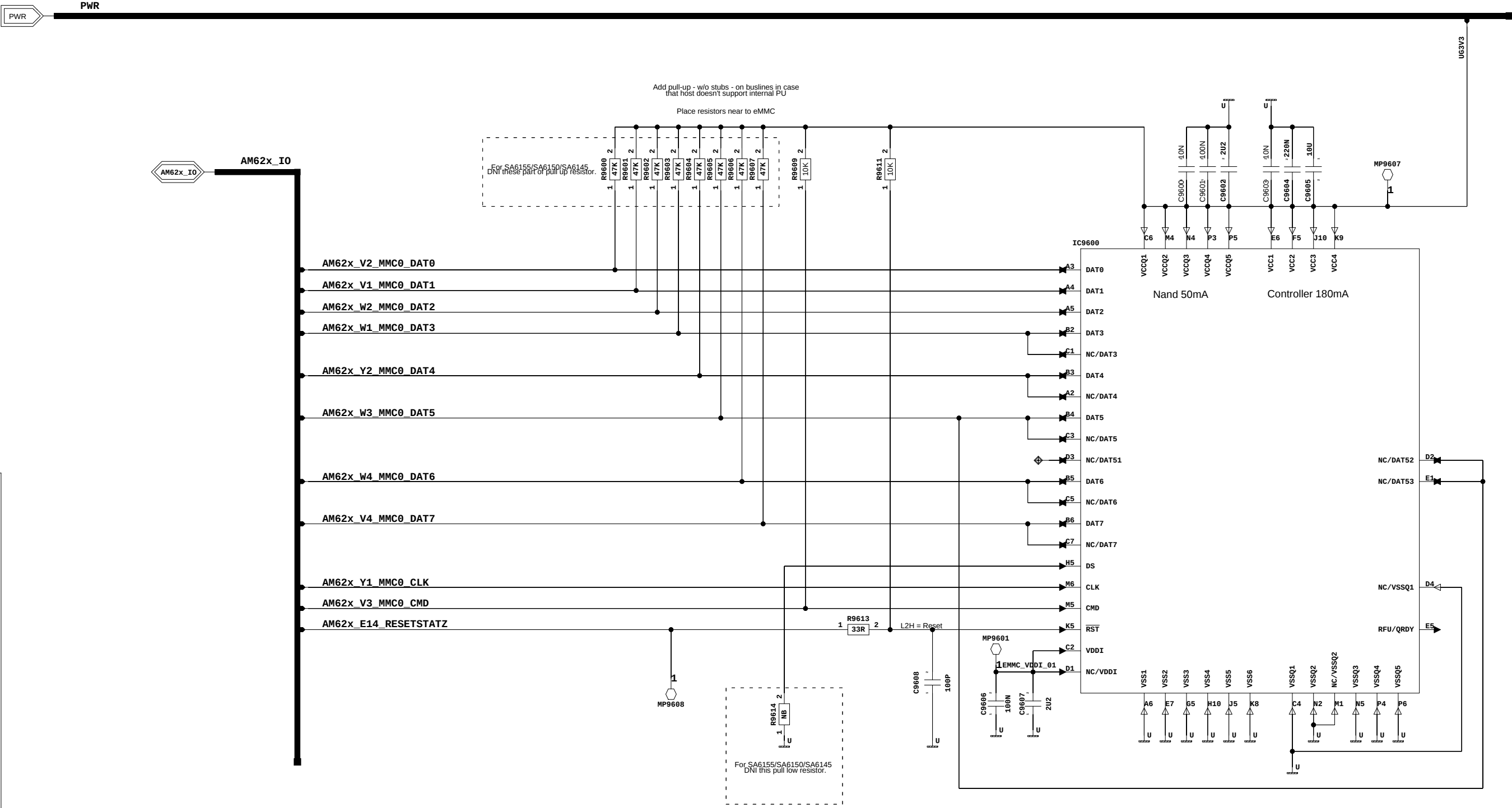
preferred parts not available for $V < 10V$

A01	Initial version base on M238_NT67.						01.31.2023		Jingcheng.Ye
Rev.	type of change					change-no.	date of change		auth. checked
			Copyright reserved	Wiring modifications reserved		date		name	
					created	ongoing		F. Wittig	
					checked				
schematic					Sheet	Sheets of		Sample	
AM62x POWER					6	25		D11	
					Type	Variant		Part Number	
Z067m4010_AM62x_PwR					M238	\${VAR_NAME}		\${VAR_NUMBER}	
substitute for:				substitute by:					



LPDDR4	Density	Part Number	Temp Grade	Comments
Samsung	4Gb	4070654	-40 -- +95	
		4070655	-40 -- +105	
ISSI	4Gb	4070653	-40 -- +95	
		4070652	-40 -- +105	

5							10600_10620
4	D11 Sample (Skyworks/PnP, µBlox-M9, SOC AM2681)			05.09.2022			F.Wittig
3	D9 Sample (Skyworks/PnP, µBlox-M9)	SCR175177	28.07.2022				O.Axtmann
2	D5C Sample	SCR175084	17.03.2022				O.Axtmann
1	D3C Sample	SCR174922	05.08.2021				A.Hönicke
Rev.	type of change		change-no.	date of change	auth.	checked	
		Copyright reserved	Wiring modifications reserved	date		name	
				created	ongoing	F. Wittig	
				checked			
schematic			Sheet	Sheets of	Sample		
AM62x Memory			7	25	D11		
			Type	Variant	Part Number		
			M238	\$({VAR_NAME}) \$({VAR_NUMBER})			
substitute for:		substitute by:					

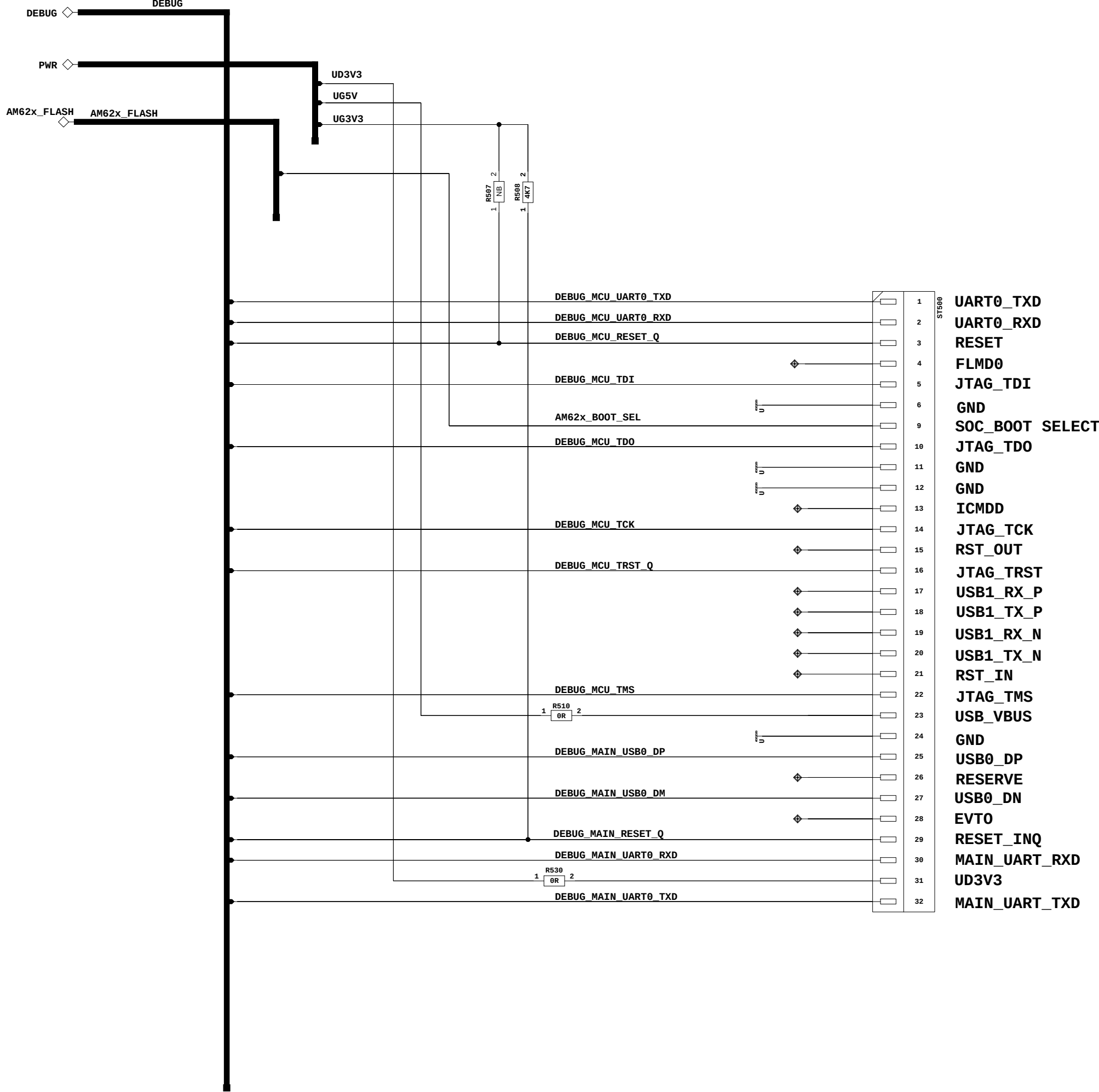
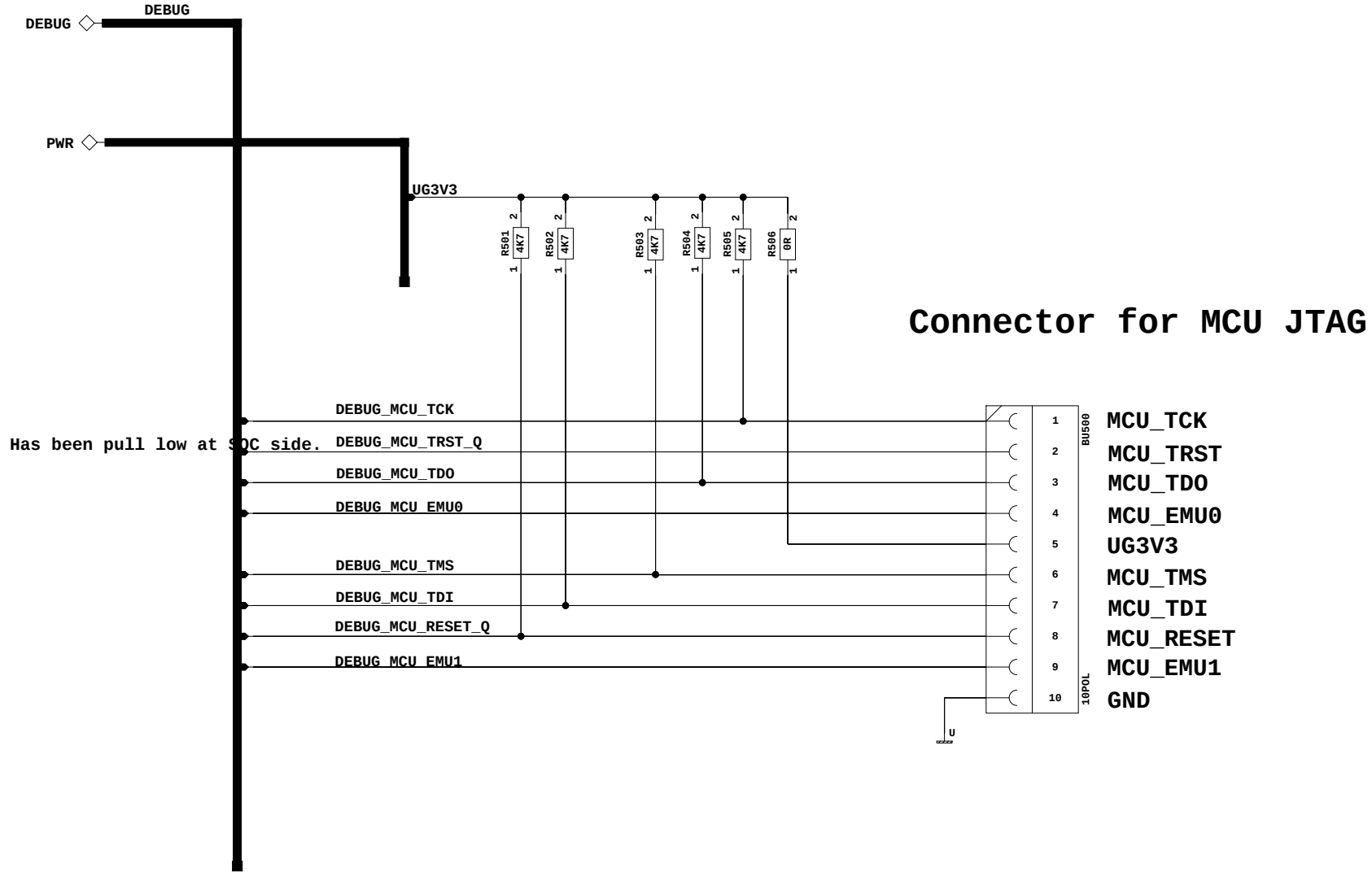
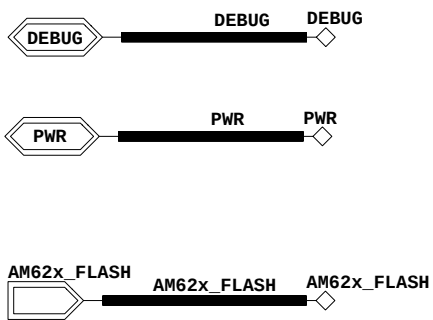


eMMC	Density	Part Number	Temp Grade	Comments
Micron 5.1	8G	4014336 4011821	-40 -- +95 -40 -- +105	
Samsung 5.1	8G	4002377 4020323	-40 -- +95 -40 -- +105	

04MMC51B01(9600 - 9649)

B01	1.Base on A01 version ,change to single power rail UG3V3.2.Only support HS200 , remove DS signal connection.			20221229	Jingcheng.Ye	
Rev.	type of change		change-no.	date of change	auth. checked	
		Copyright reserved	Wiring modifications reserved	date name		
				created 20221229 Jingcheng.Ye		
				checked		
schematic				Sheet	Sheets of	Sample
Storage				8	25	B0
			Type	Variant	Part Number	
substitute for:		substitute by:			4070703	

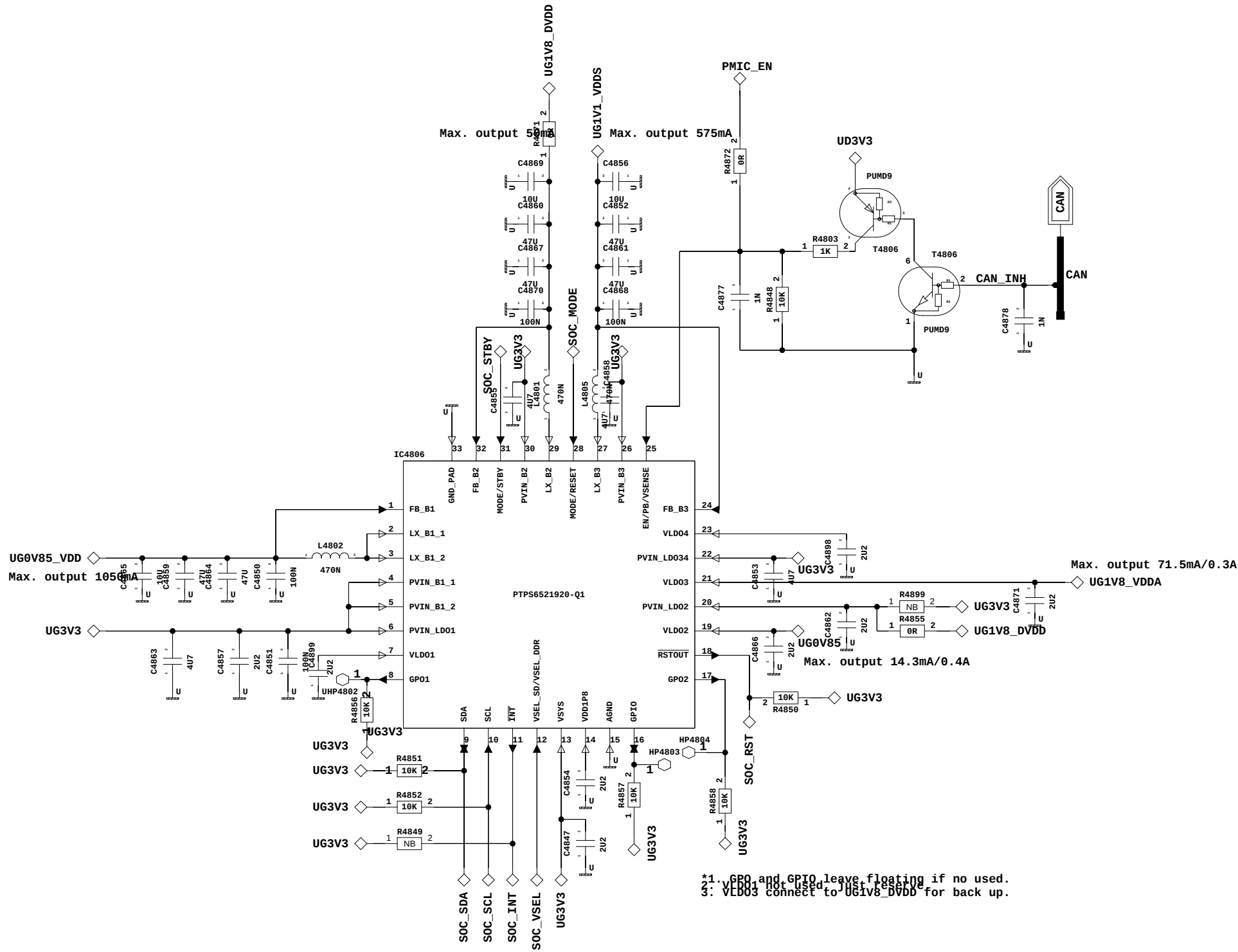
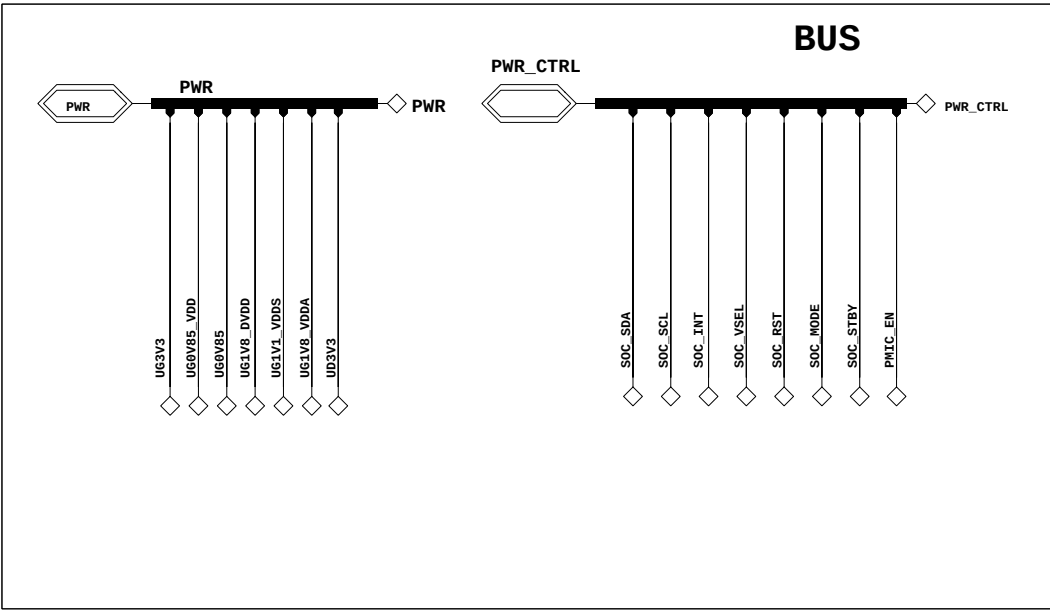
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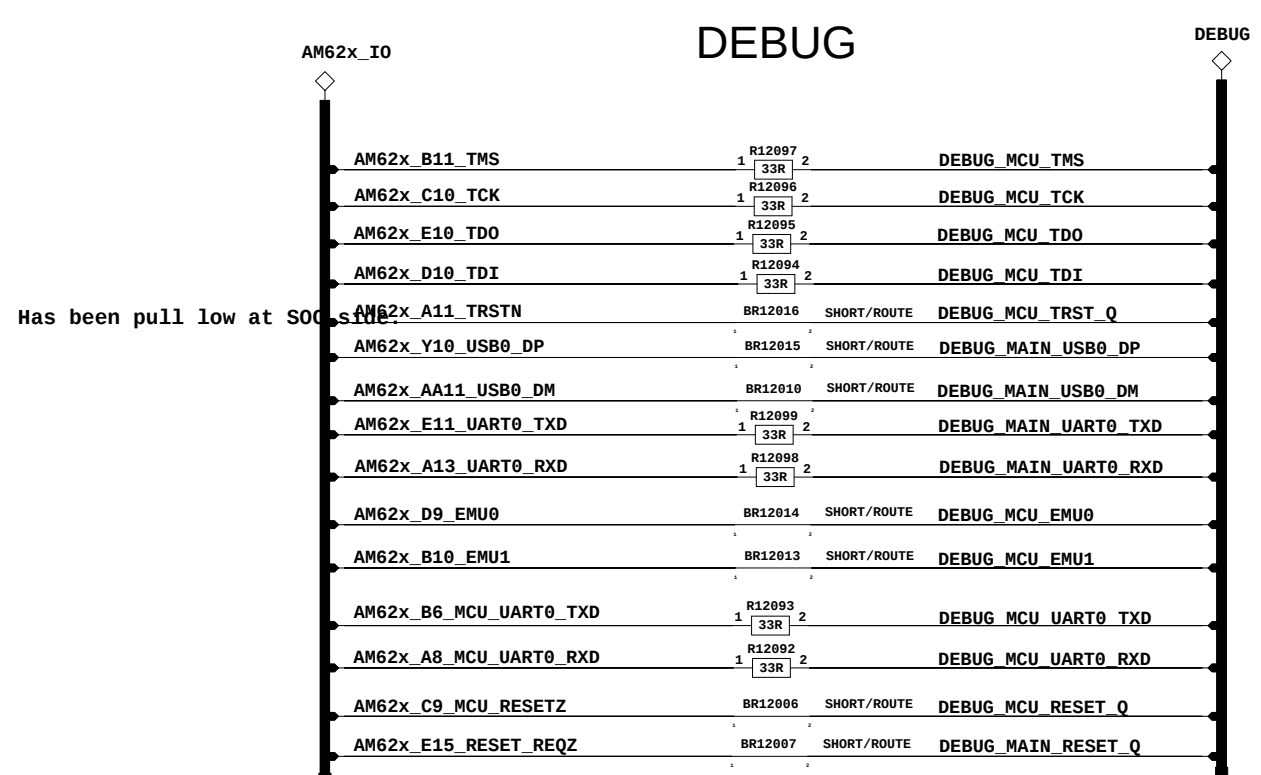
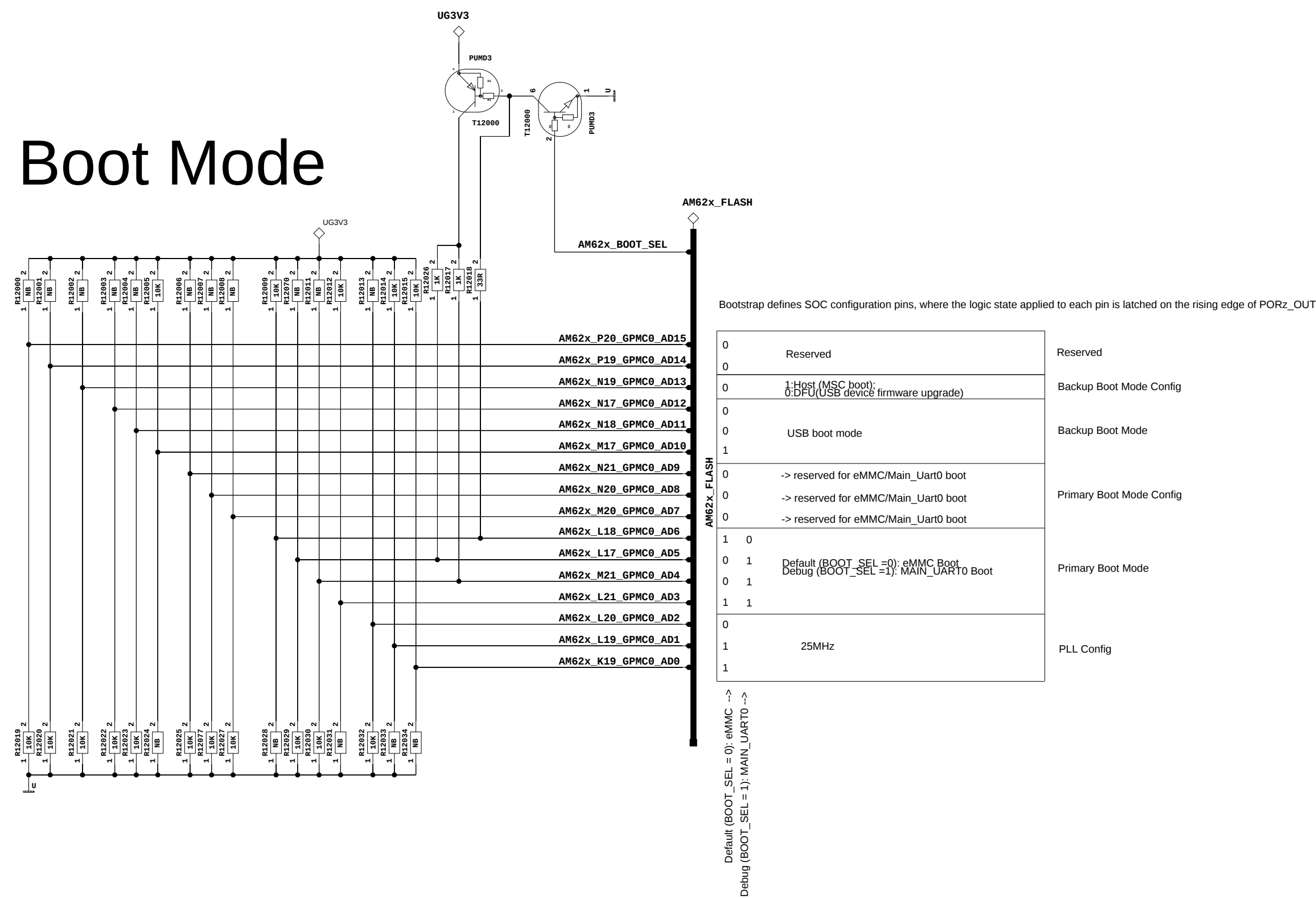
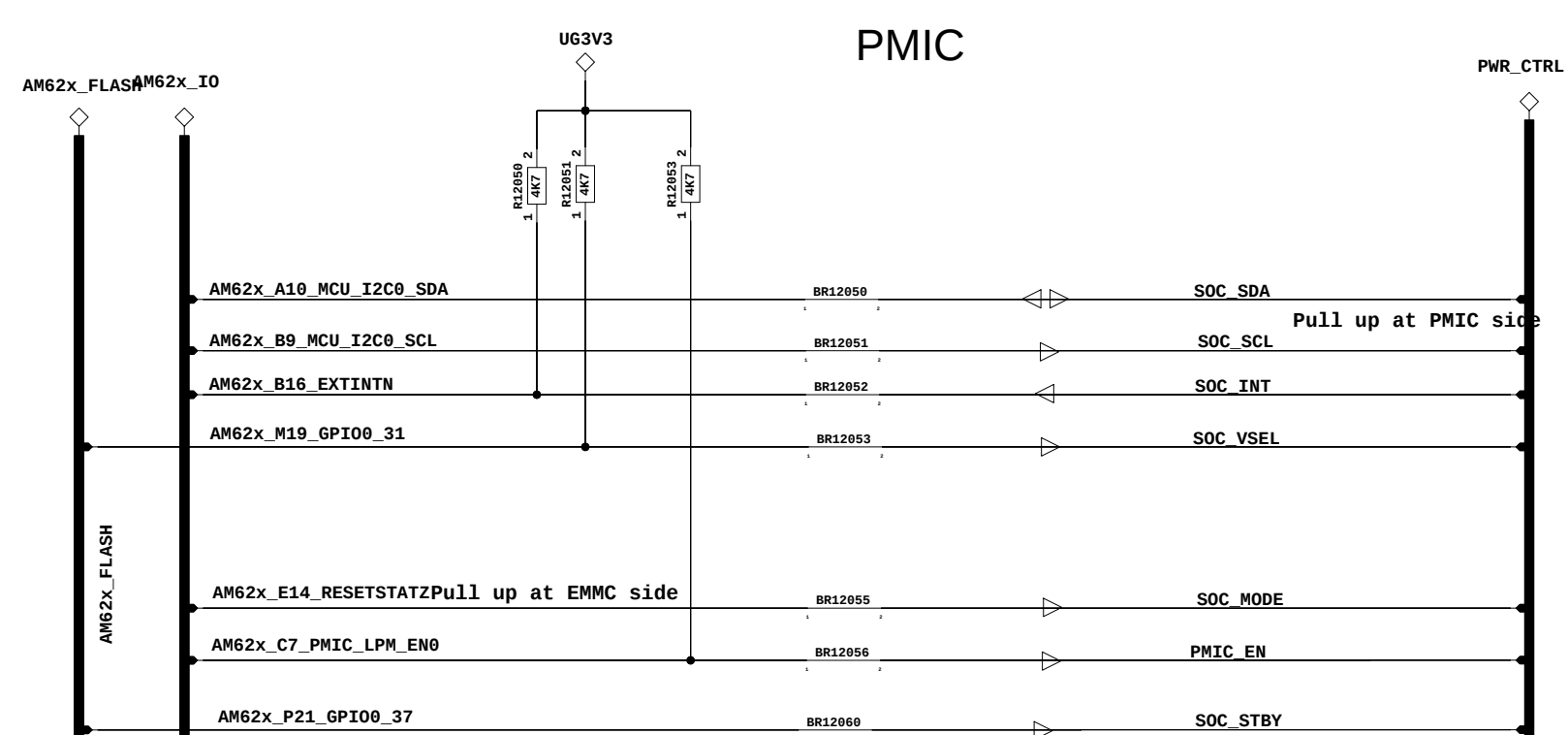
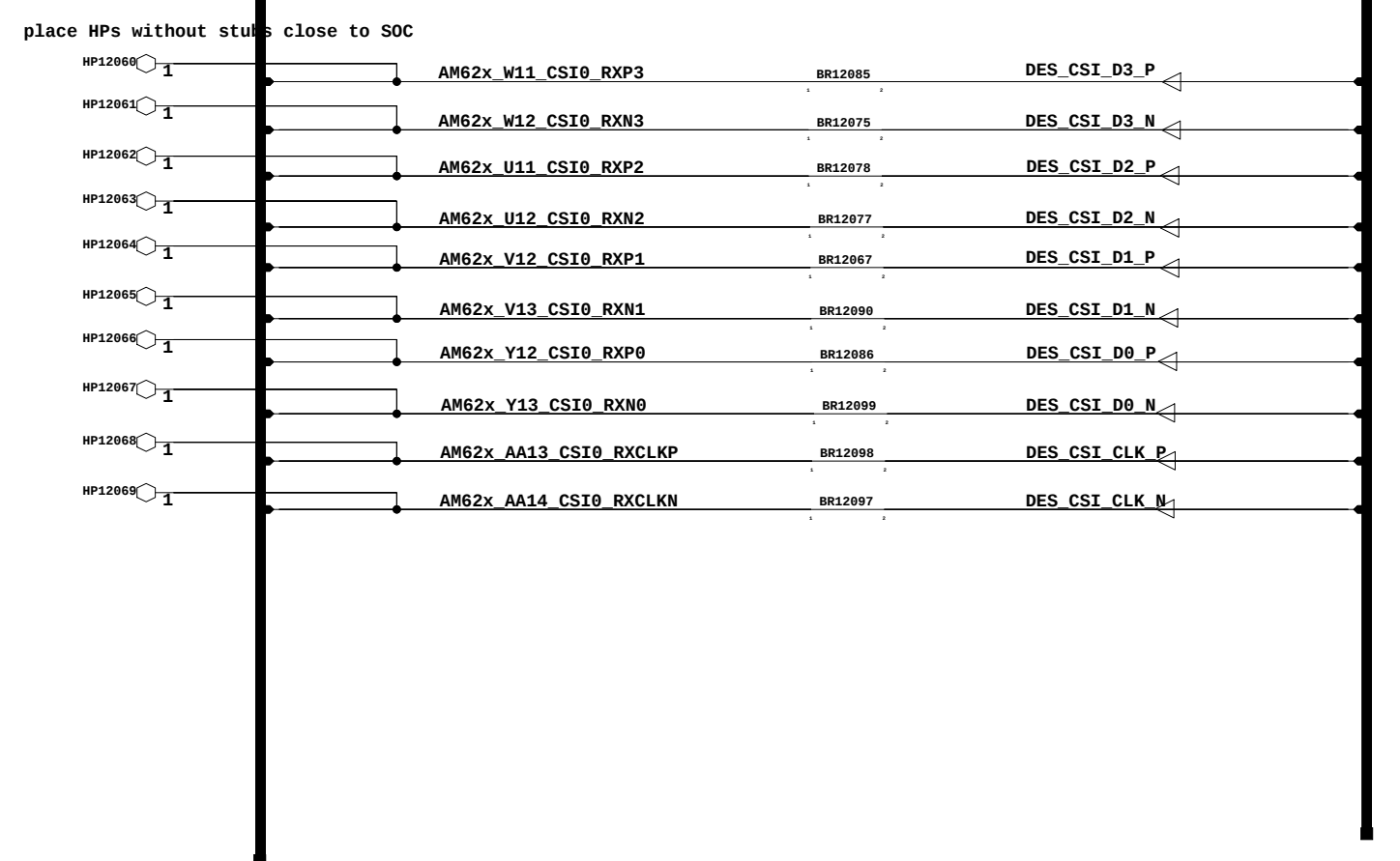
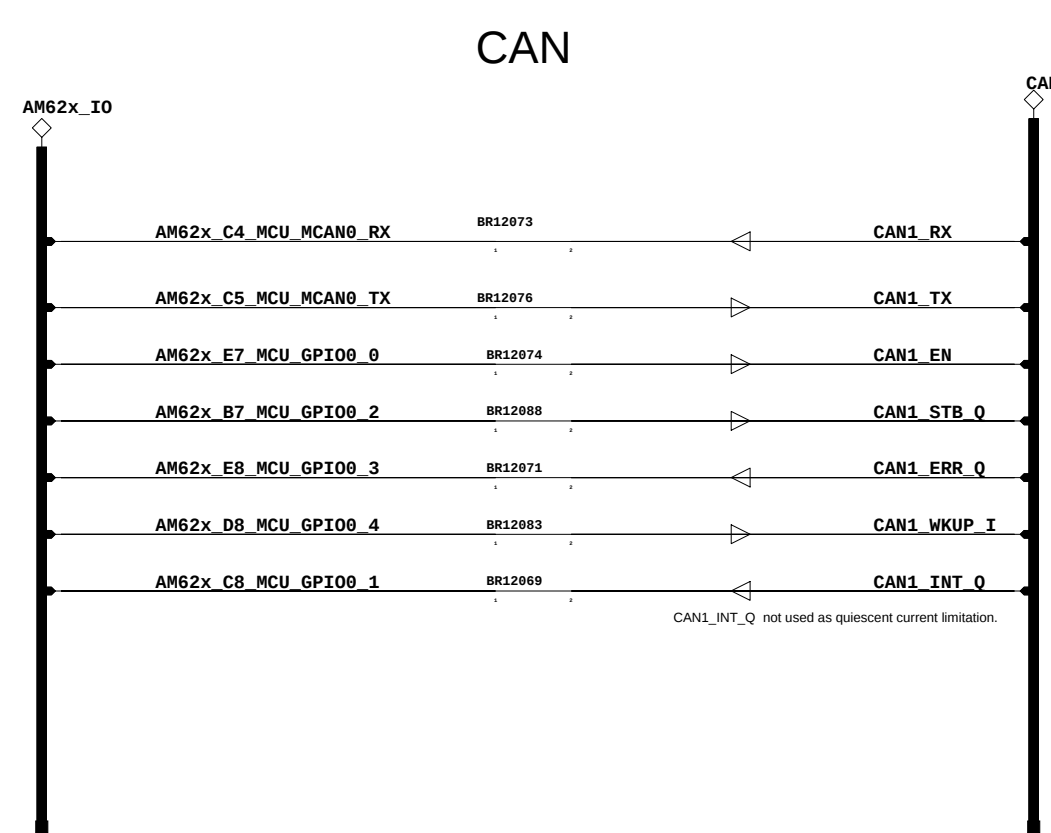
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500...599

Rev.	type of change		change-no.	date of change	auth. checked
		Copyright reserved	date		name
		wiring modifications reserved			Jingcheng, Ye
created			checked		
schematic			Sheet 12	Sheets of 25	Sample B0
2067nInterface_Debug			Type Z053	Variant	Part Number 4053723
substitute for:		substitute by:			



Rev.	type of change		change-no.	date of change	auth.	checked
 Copyright reserved Wiring modifications reserved			date		name	
		created				
		checked				
schematic			Sheet 16	Sheets of 25	Sample	
Z067_mPower_PMIC			Type T253 T254		Part Number 4059164 4059241	
substitute for:		substitute by:				

[illegible]