

Service Manual

55 inch Class 1080p LCD HDTV

Model No. **TC-L55ET60H**

LA41 Chassis



Please file and use this manual together with the service manual for Model No. TC-L55ET60, ORDER NO. MTNC130220CE.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Different points

1.1. Mechanical Replacement Parts List

Ref.No.	Part No.		Part Name & Description	Pcs	Remarks
	TC-L55ET60	TC-L55ET60H			
7	N2QAYB000837	N2QAYB000838	REMOTE CONTROL	1	PAVCA
42	TXFKU1113SER	TXFKU3413SER	BACK_COVER_COMP	1	PAVCA
	TQB2AA0710-1	TQB2AA0699	INSTRUCTION BOOK (EN/ES)	1	PAVCA Δ
	TQD2A19069	-----	QUICK START GUIDE	0	

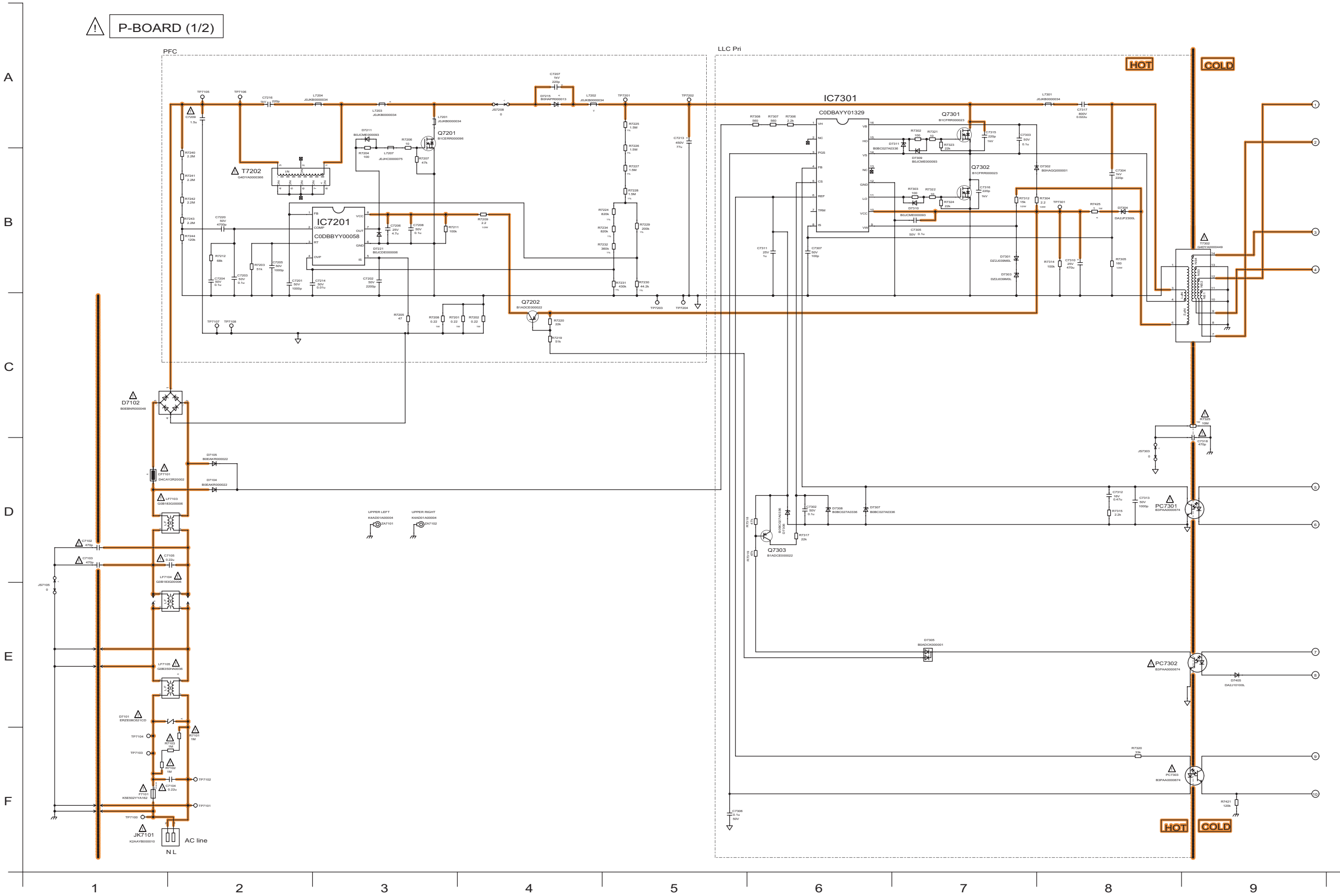
1.2. Electrical Replacement Parts List

Ref.No.	Part No.		Part Name & Description	Pcs	Remarks
	TC-L55ET60	TC-L55ET60H			
PCB	TXN/A1VCUUS	TXN/A1RQUHS	CIRCUIT BOARD A	1	(RTL) PAVCA Δ
PCB	TXN/P1VCUU	TXN/P1PNUL	CIRCUIT BOARD P	1	(RTL) PAVCA Δ
C4702	F1G1H101A834	-----	C 100PF 50V	0	
C4704	F1G1H101A834	-----	C 100PF 50V	0	
C5703	-----	F1G1A105A047	C 1UF 10V	1	
C5704	-----	F1G1A105A047	C 1UF 10V	1	
C6726	-----	F1G1H220A834	C 22PF, 50V	1	PAVCA
C6727	-----	F1G1H220A834	C 22PF, 50V	1	PAVCA
C6803	-----	F1H1C105A167	C 1UF, 16V	1	PAVCA
C6804	-----	F1G1C104A077	C 0.1UF 16V	1	
C6805	-----	F1J1A106A087	C 10UF, 10V	1	
C6806	-----	F1J1A106A087	C 10UF, 10V	1	
C6809	-----	F1G1C104A077	C 0.1UF 16V	1	
C6820	-----	F1G1C104A077	C 0.1UF 16V	1	
C6822	-----	F1G1C104A077	C 0.1UF 16V	1	
C6830	-----	F1G1C104A077	C 0.1UF 16V	1	
C6832	-----	F1J1A106A087	C 10UF, 10V	1	
C6838	-----	F1G1C104A077	C 0.1UF 16V	1	
C6840	-----	F1G1C104A077	C 0.1UF 16V	1	
C6844	-----	F1G1C104A077	C 0.1UF 16V	1	
C6847	-----	F1G1H8R0A833	C 8 pF, 50 V	1	PAVCA
C6848	-----	F1G1H8R0A833	C 8 pF, 50 V	1	PAVCA
C6864	-----	F1G1C104A077	C 0.1UF 16V	1	
C6872	-----	F1G1C104A077	C 0.1UF 16V	1	
C6873	-----	F1G1C104A077	C 0.1UF 16V	1	
C7101	F1AAF471A019	-----	C 470pF, K,250V	0	PAVCA
C7102	-----	F1AAF471A019	C 470pF, K,250V	1	PAVCA Δ
C7103	-----	F1AAF471A019	C 470pF, K,250V	1	PAVCA Δ
C7106	F1AAF471A019	-----	C 470pF, K,250V	0	PAVCA
C7220	-----	F1J1H472A900	C 4700pF, 50V	1	PAVCA
C7529	F1J1H223A900	F1J1H104A902	C 0.1UF, 50V	1	PAVCA
D7101	-----	ERZE08C621CD	VARISTOR	1	PAVCA Δ
D7107	ERZVA7V471	-----	VARISTOR	0	PAVCA
IC5701	-----	C0DBEYY00226	IC	1	PAVCA
IC6800	-----	C1AB00004028	IC	1	PAVCA
IC8200	C3ABUY000028	C3ABUY000020	IC	1	PAVCA
IC8201	C3ABUY000028	C3ABUY000020	IC	1	PAVCA
IC8202	C3ABTY000076	C3ABTY000091	IC	1	PAVCA
IC8900	TVRT135AAS	TVRT278ABS	IC	1	PAVCA
JS0041	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
JS0050	D0GAR00J0005	-----	M 0 OHM, 1/16W	0	
L6800	-----	J0JYC0000464	FILTER	1	
L6801	-----	J0JYC0000464	FILTER	1	
L6802	-----	J0JYC0000464	FILTER	1	
L8615	J0ZZB0000142	-----	FILTER	0	
L8616	J0ZZB0000142	-----	FILTER	0	
R0930	D0GAR00J0005	-----	M 0 OHM, 1/16W	0	
R0931	D0GAR00J0005	-----	M 0 OHM, 1/16W	0	
R5709	-----	D1BA1201A023	M 1.2 KOHM,F,1/16 W	1	PAVCA
R5710	-----	D1BA3001A023	M 3KOHM,F,1/16W	1	PAVCA

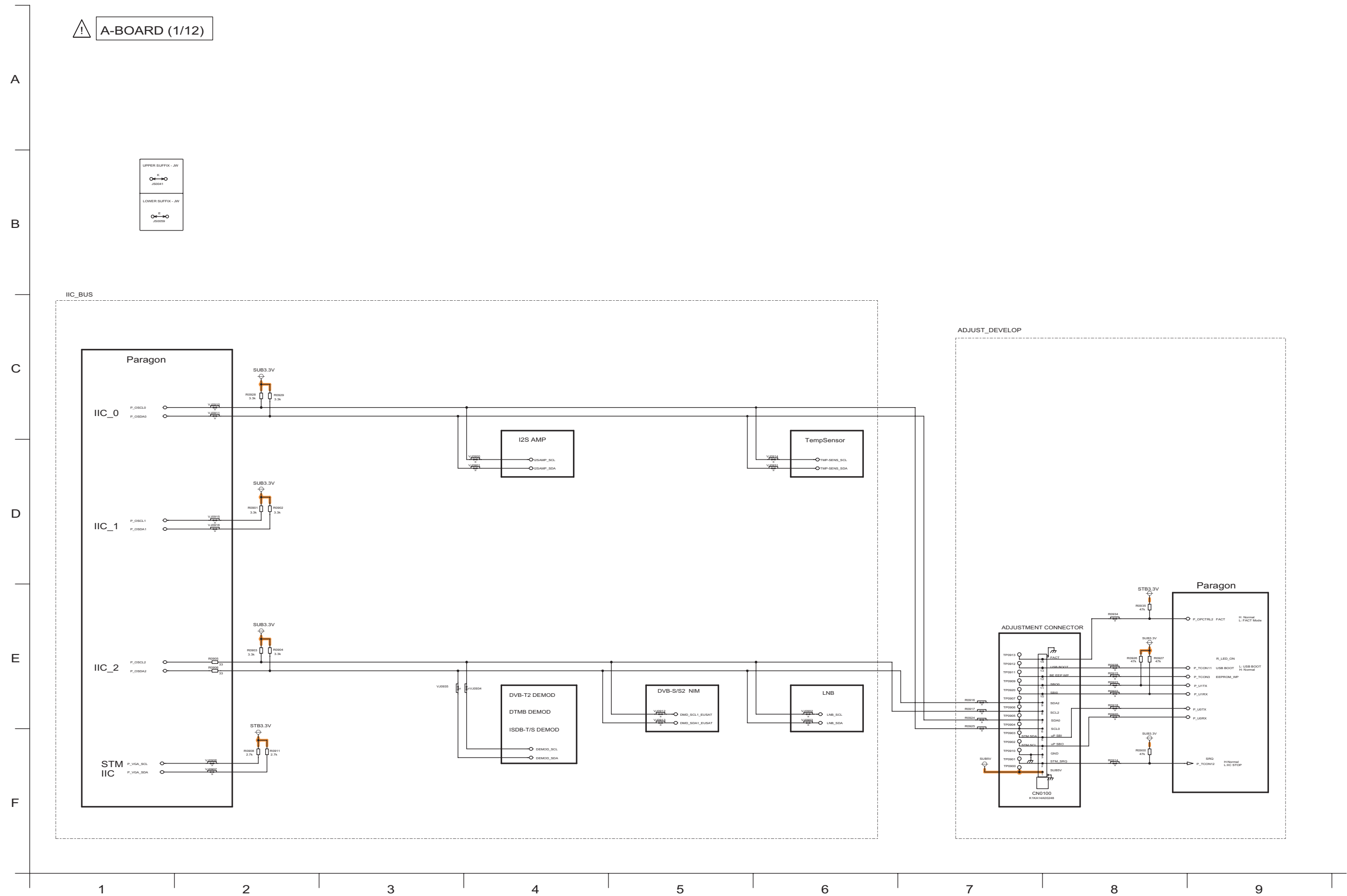
Ref.No.	Part No.		Part Name & Description	Pcs	Remarks
	TC-L55ET60	TC-L55ET60H			
R5736	-----	D0GA103JA039	M10KOHM, J,1/16 W	1	PAVCA
R6726	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
R6727	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
R6728	D0GAR00J0005	-----	M 0 OHM, 1/16W	0	
R6729	D0GAR00J0005	-----	M 0 OHM, 1/16W	0	
R6804	-----	D0GA681JA023	M680 OHM, J,1/16W	1	
R6805	-----	D0GA681JA023	M680 OHM, J,1/16W	1	
R6810	-----	D0GA332JA023	M 3.3KOHM, J,1/16W	1	
R6812	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6813	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6818	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6819	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
R6820	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
R6821	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
R6840	-----	D0GA471JA023	M 470OHM, J,1/16W	1	
R6846	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6847	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6848	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6849	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6850	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6861	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6862	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6863	-----	D0GA680JA023	M 68 OHM, J,1/16W	1	
R6871	-----	D0GA332JA023	M 3.3KOHM, J,1/16W	1	
R6872	-----	D0GA332JA023	M 3.3KOHM, J,1/16W	1	
R6880	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
R6881	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
R6882	-----	D0GBR00J0004	M 0 OHM J 1/10W	1	
R6884	-----	D0GA103JA039	M10KOHM, J,1/16 W	1	PAVCA
R7208	ERX1SJR22	-----	M0.22 OHM, J, 1W	0	
R7240	-----	D0GF225JA048	M 2.2M OHM. 1/4W	1	PAVCA
R7241	-----	D0GF225JA048	M 2.2M OHM. 1/4W	1	PAVCA
R7242	-----	D0GF225JA048	M 2.2M OHM. 1/4W	1	PAVCA
R7243	-----	D0GF225JA048	M 2.2M OHM. 1/4W	1	PAVCA
R7244	-----	D0GD124JA052	M 120KOHM,J,1/8W	1	
R8616	-----	D1H8R0040016	NETWORK RESISTER	1	PAVCA
R8617	-----	D1H8R0040016	NETWORK RESISTER	1	PAVCA
X6800	-----	H0J410500001	CRYSTAL	1	

2 Schematic Diagram

2.1. P-Board (1/2)

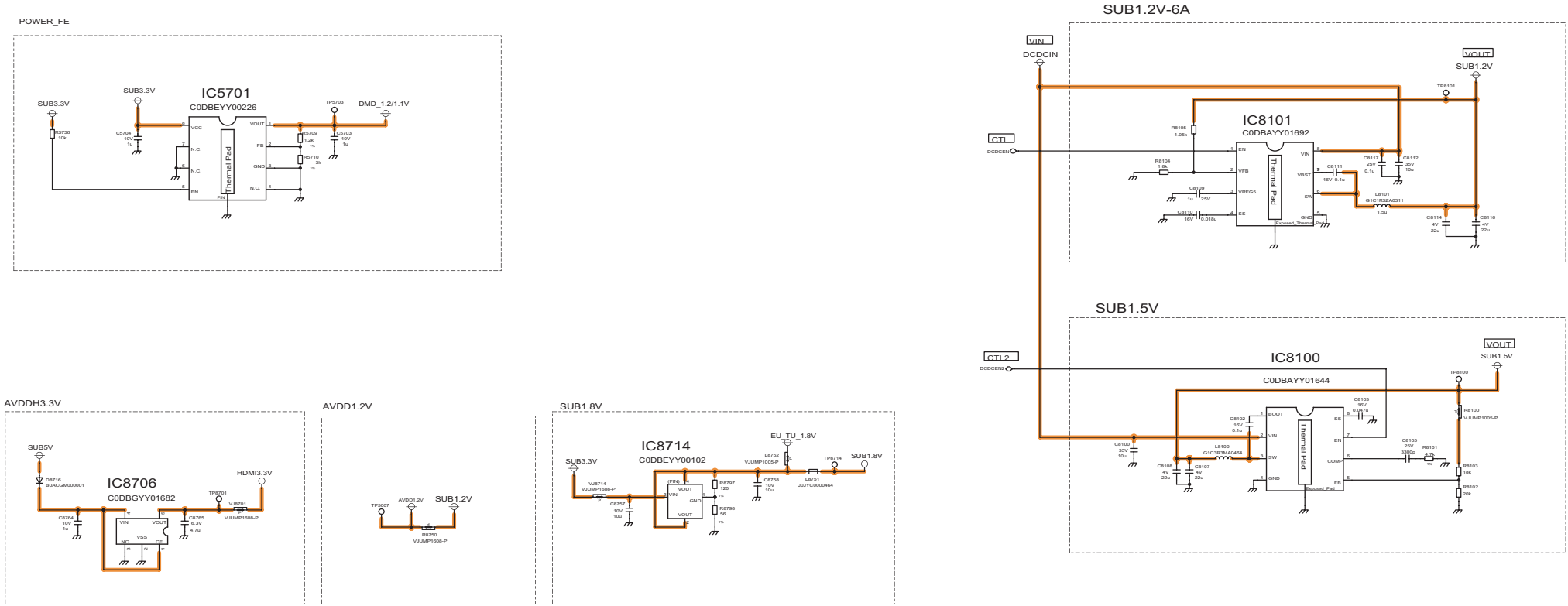


2.2. A-Board (1/12)



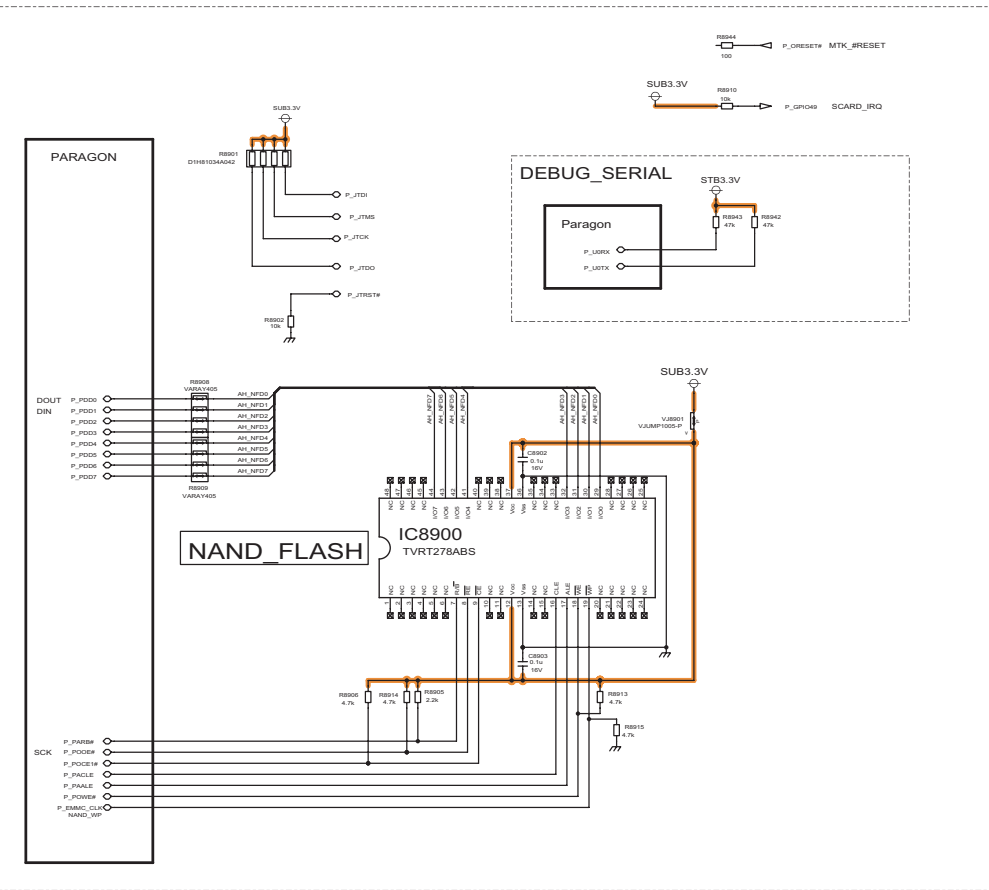
2.3. A-Board (8/12)

⚠ A-BOARD (8/12)



2.4. A-Board (9/12)

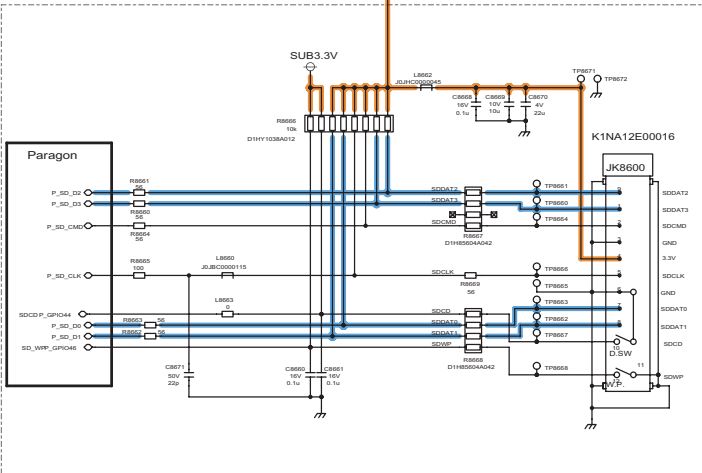
EX-BUS



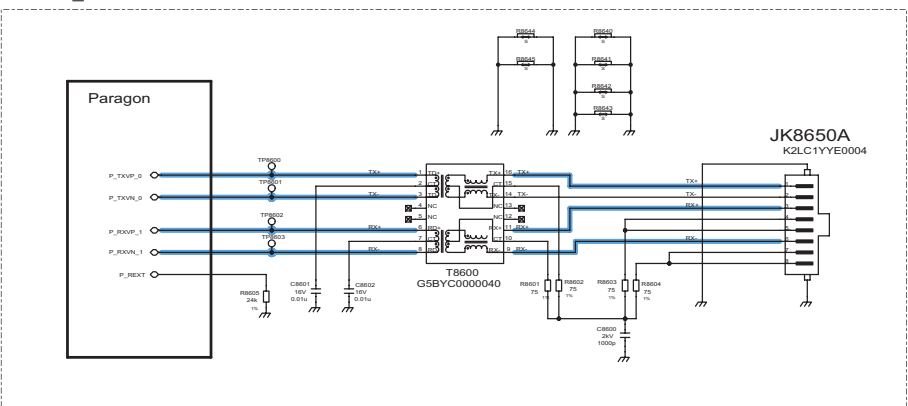
SD_REG



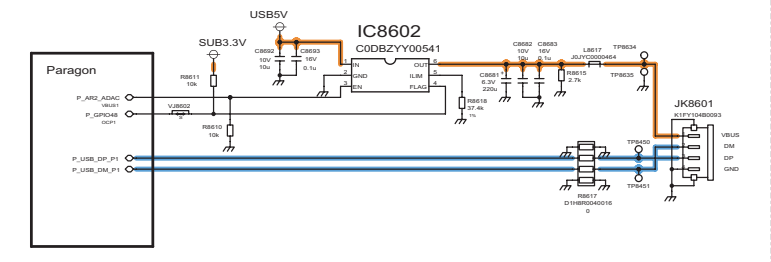
SD_CARD



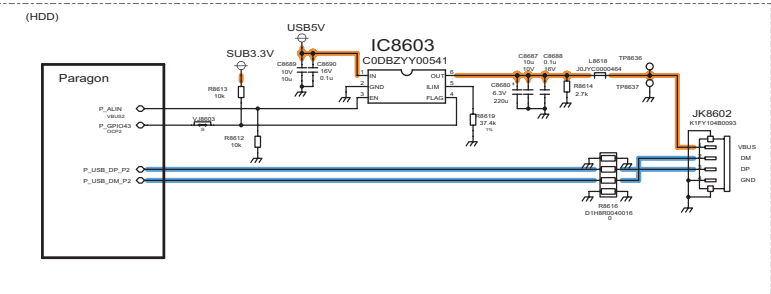
ETHER_PHY



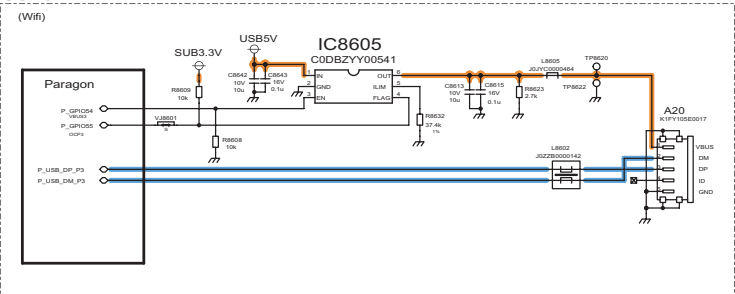
USB1



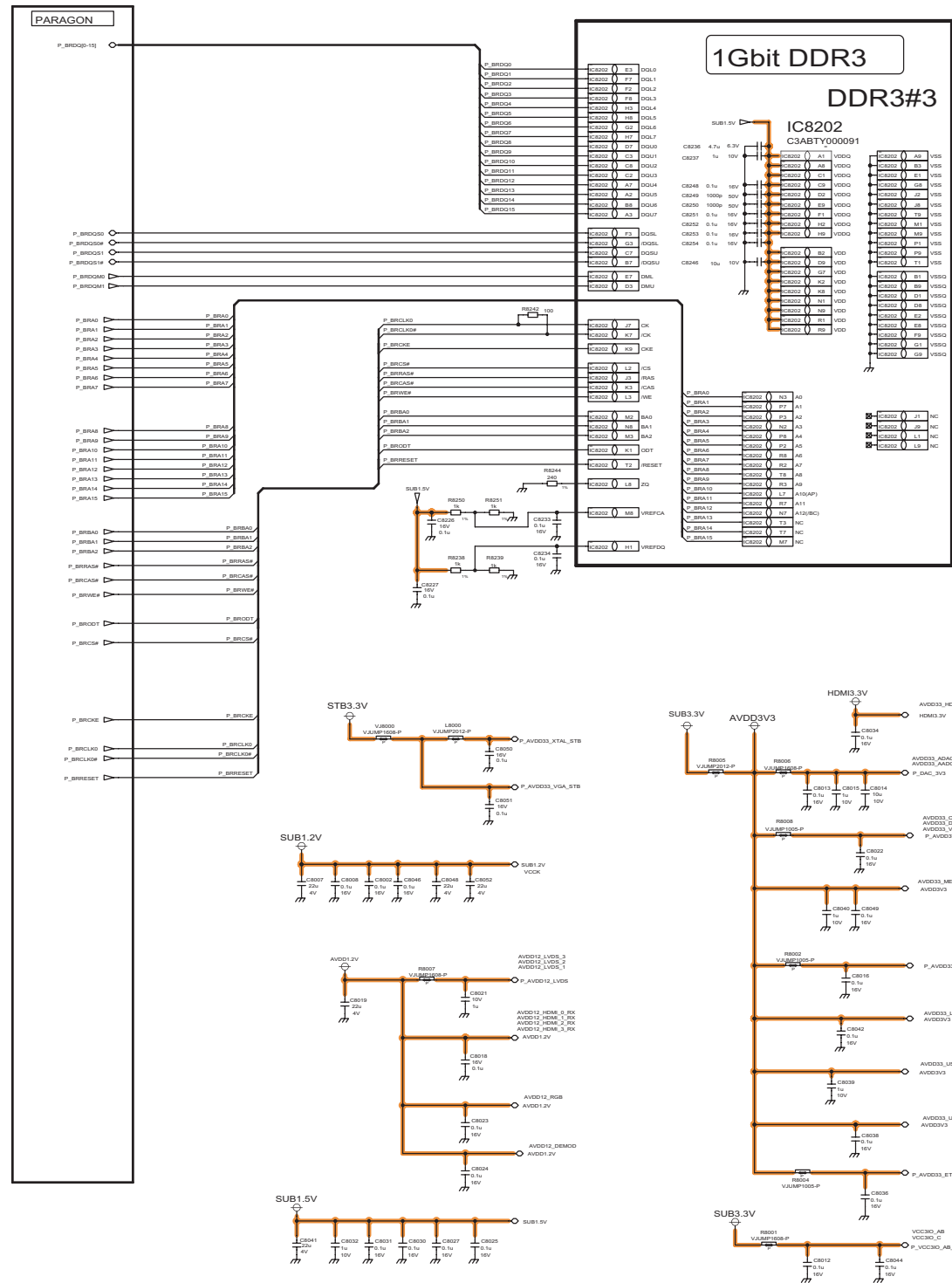
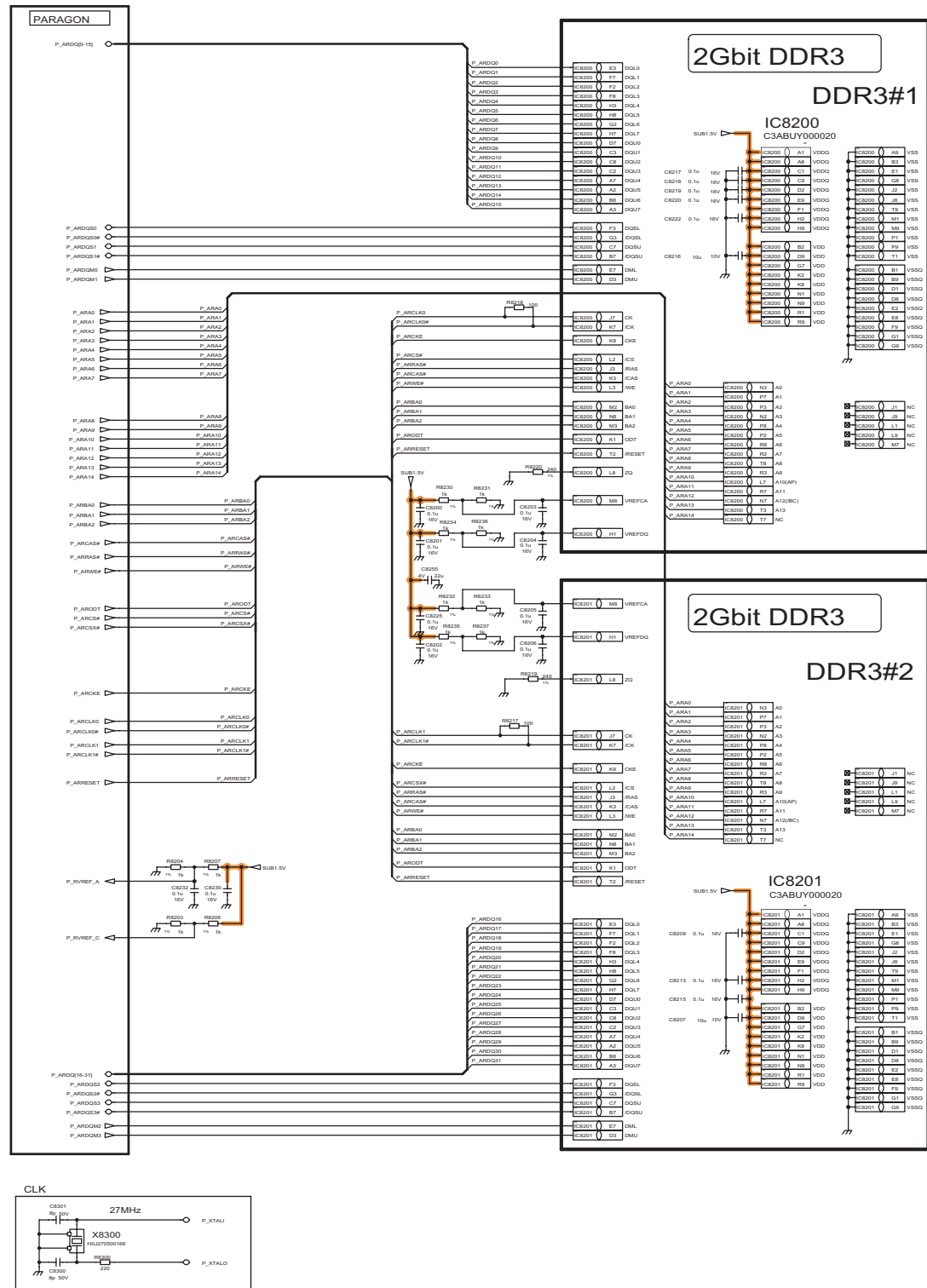
USB2



USB3

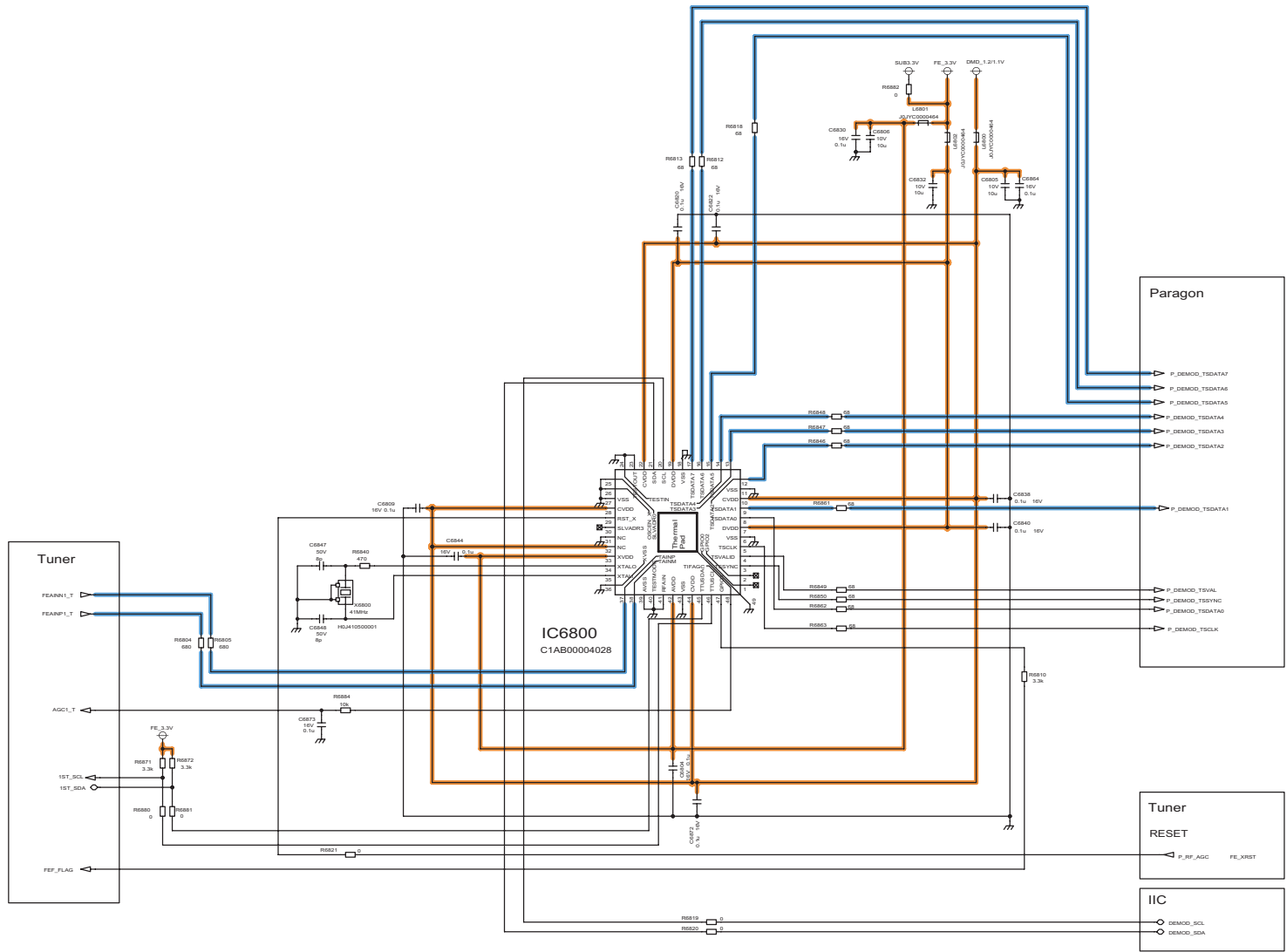
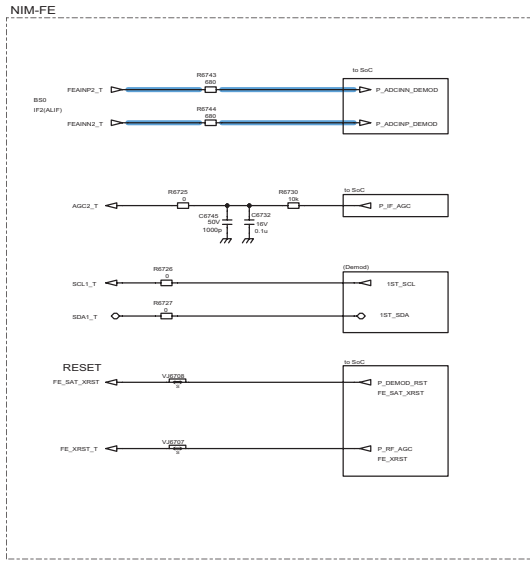
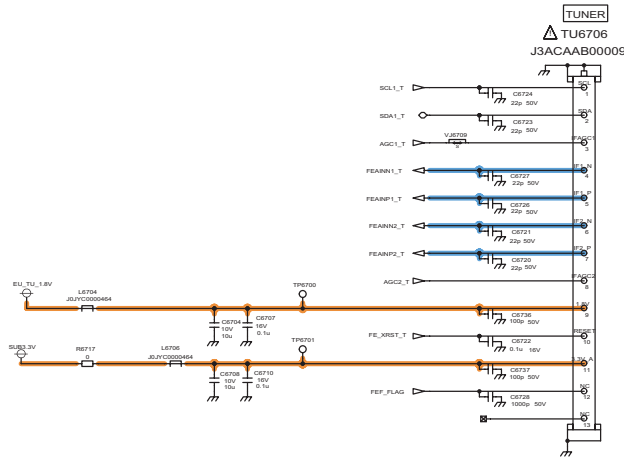


2.5. A-Board (11/12)



2.6. A-Board (12/12)

⚠ A-BOARD (12/12)



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