

Service Manual

50 inch Class 720p Plasma HDTV
Model No. **TC-P50X5X**
GPH15DU Chassis



Please file and use this manual together with the service manual for Model No. TC-P50X5, ORDER NO. MTNC120313CE.

⚠ 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

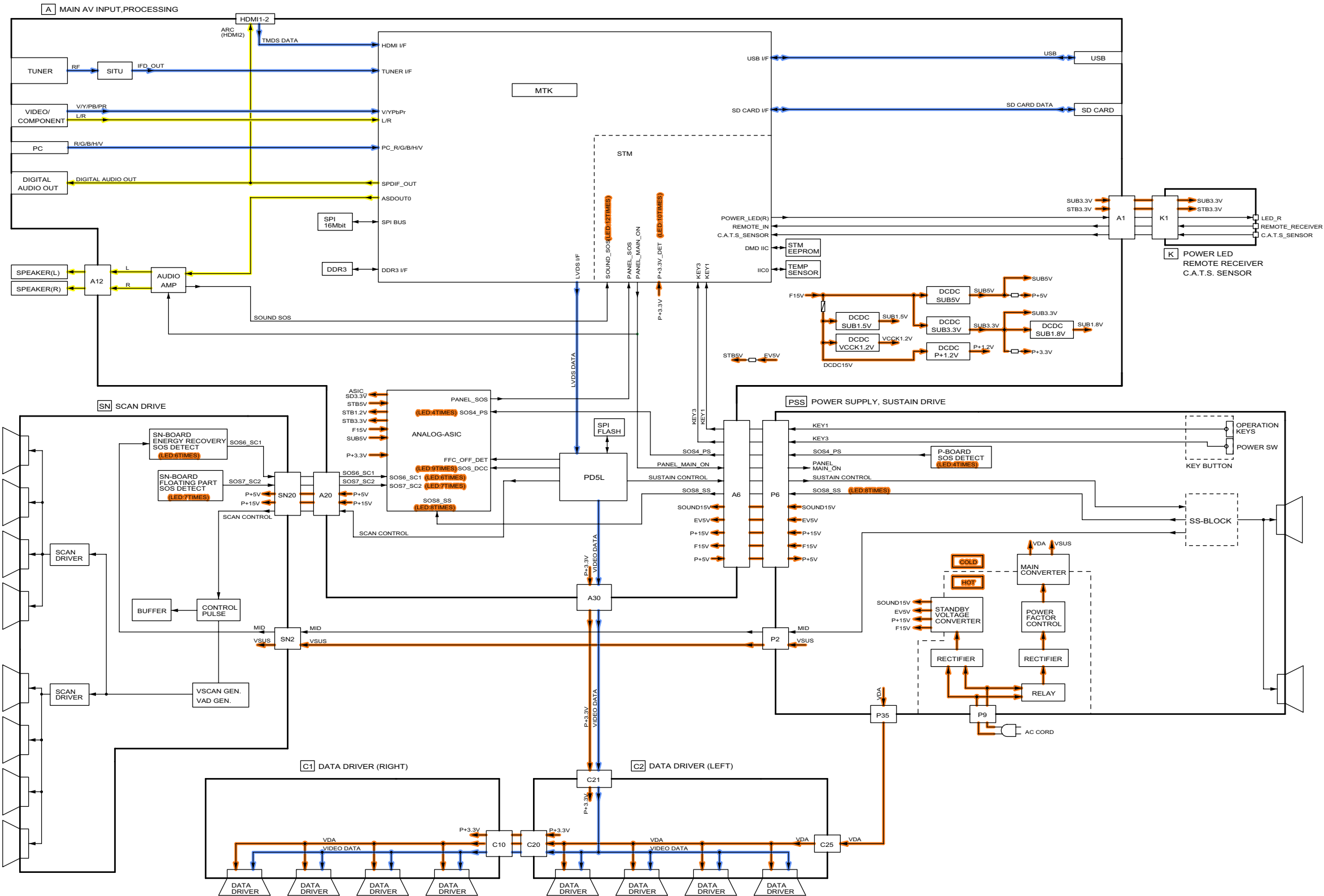
Ref. No.	Parts No.		Parts name & Description	Pcs	Remarks
	TC-P50X5	TC-P50X5X			
42	J0KG00000036	-----	FERRITE CORE	0	
43	J0KG00000121	-----	FERRITE CORE	0	
46	TQB2AA0639	TQB2AC0083	INSTRUCTION BOOK(ENG/SPA)	1	PAVCA Δ
23	TXFKU1612SER	TXFKU3212SER	REAR COVER	1	PAVCA Δ
24	TXFKY01SFUU	TXFKY01SFUUA	CABINET ASSY	1	PAVCA Δ

1.2. Electrical Replacement Parts List

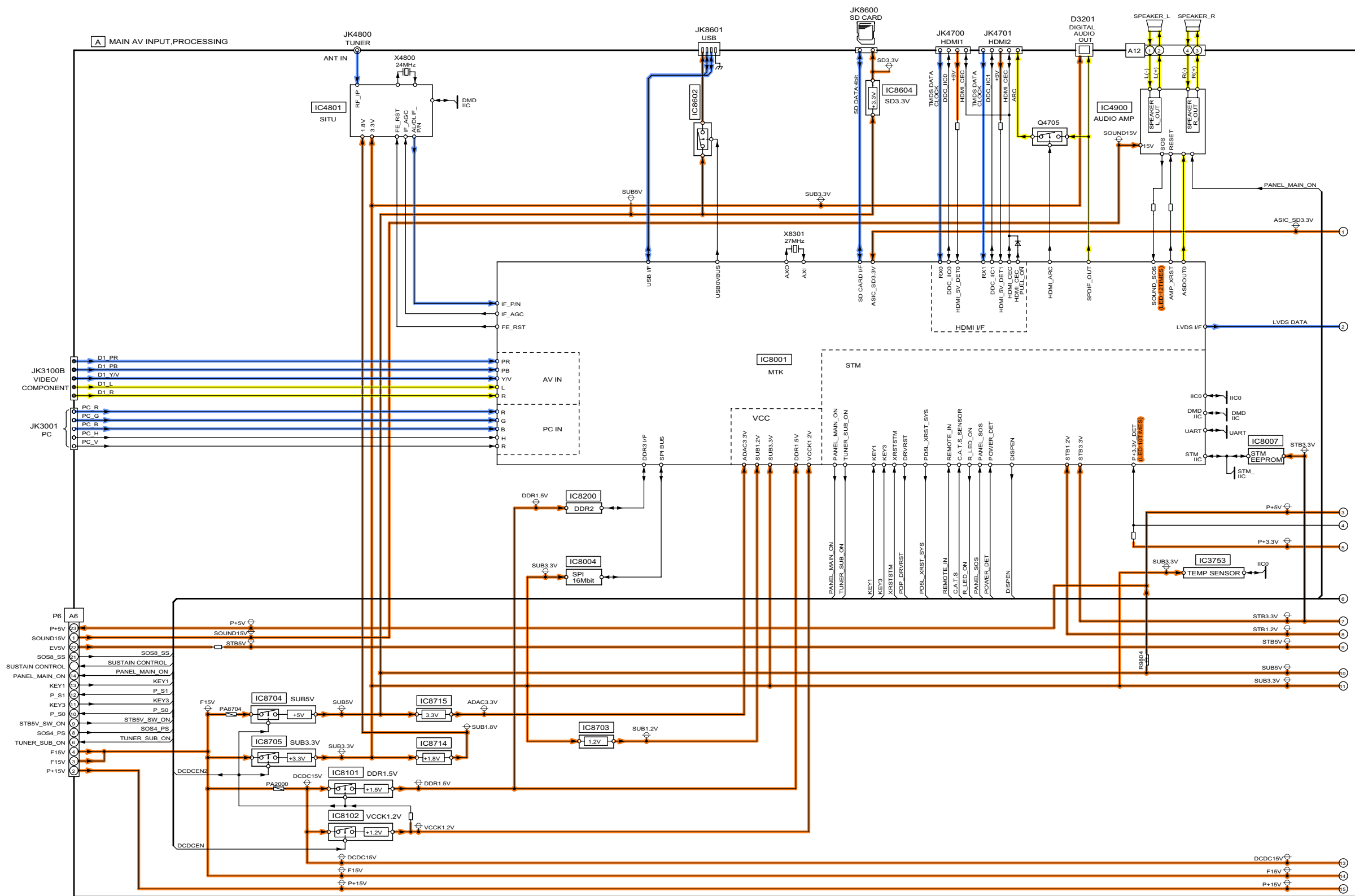
Ref. No.	Parts No.		Parts name & Description	Pcs	Remarks
	TC-P50X5	TC-P50X5X			
PCB	TXN/A1SFUUS	TXN/A1QYUXS	CIRCUIT BOARD A	1	(RTL) PAVCA Δ
C3171	-----	F1G1C1030008	C 0.01UF 16V	1	
C3172	-----	F1G1C1030008	C 0.01UF 16V	1	
C3175	-----	F1G1H152A830	C 1500PF, 50V	1	PAVCA
C3176	-----	F1G1C1030008	C 0.01UF 16V	1	
C3177	-----	F1G1C1030008	C 0.01UF 16V	1	
D3103	-----	EZAEG2A50AX	DIODE	1	
IC8004	TVRS797S	TVRT033AAS	IC	1	PAVCA
IC8007	TVRS800S	TVRS867S	IC	1	PAVCA
JK3001	-----	K1FY315A0014	CONNECTOR	1	PAVCA
JK3100	K1U511A00014	-----	CONNECTOR UNIT	0	
JK3100B	-----	K1U511A00015	CONNECTOR UNIT	1	PAVCA
JK4700	K1FY119D0027	K1FY119D0025	CONNECTOR	1	PAVCA
JK4701	K1FY119D0027	K1FY119D0025	CONNECTOR	1	PAVCA
JK8601	K1FY104B0082	K1FY104B0081	CONNECTOR	1	PAVCA
R075	D0GAR00J0005	-----	M 0 OHM, 1/16W	0	
R077	-----	D0GAR00J0005	M 0 OHM, 1/16W	1	
R3103	-----	D1BD75R0A066	M 75OHM,J.1/8 W	1	
R3105	-----	D1BD75R0A066	M 75OHM,J.1/8 W	1	
R3123	-----	D1HY1014A022	NETWORK RESISTER	1	PAVCA
R3203	-----	D1BD75R0A066	M 75OHM,J.1/8 W	1	
R3207	-----	D0GA220JA023	M22 OHM, J.1/16 W	1	

2 Block Diagram

2.1. Main Block Diagram

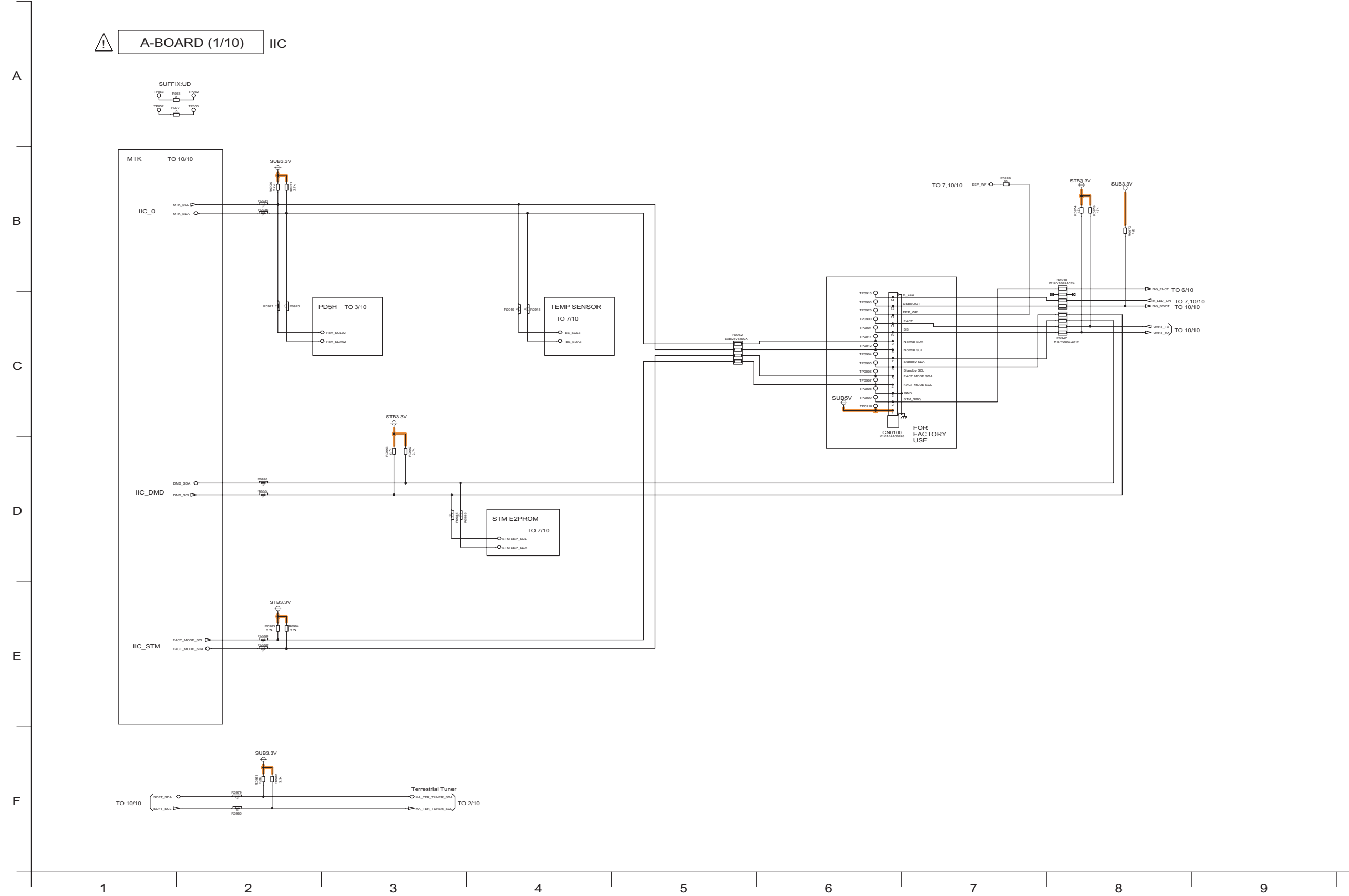


2.2. Block (1/4) Diagram



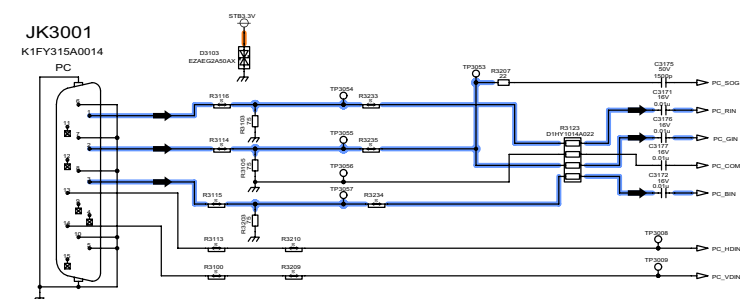
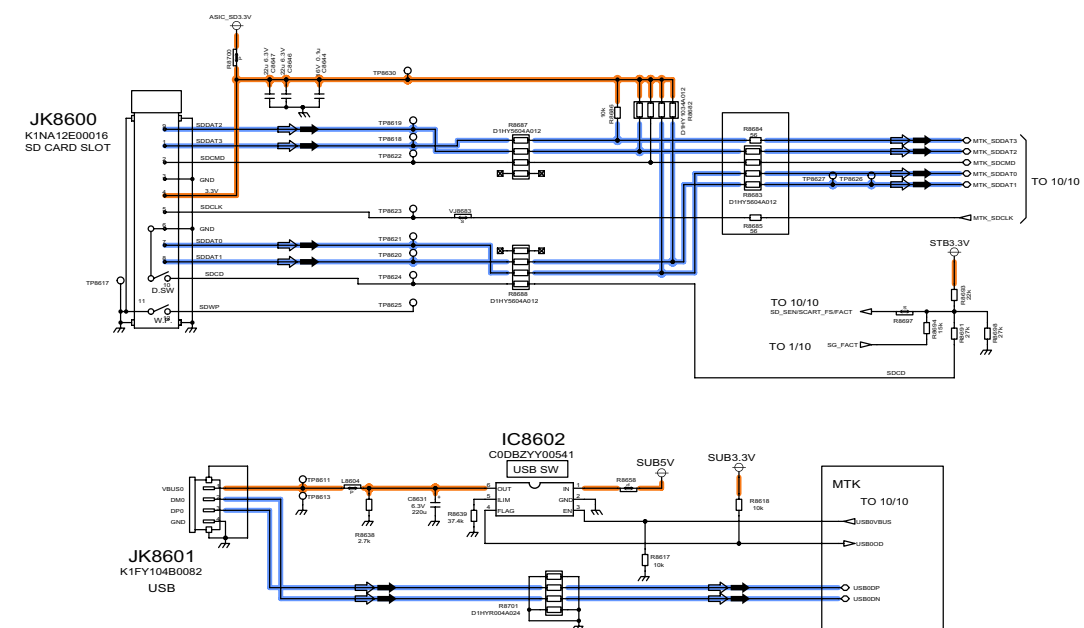
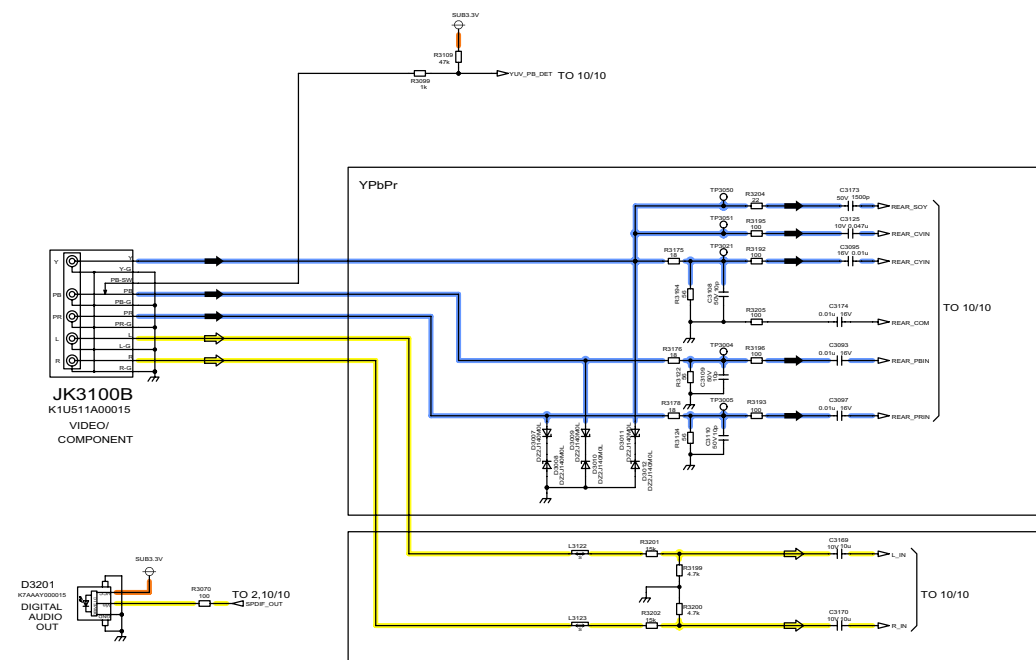
3 Schematic Diagram

3.1. A-Board (1/10)



3.2. A-Board (6/10)

⚠ A-BOARD (6/10) AV_IN,SD,USB



3.3. A-Board (10/10)

