

Service Manual

Pioneer

ORDER NO.
ARP3055

DIGITAL TUNER

SH-D09

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model	Power Requirement	Remarks
	SH-D09		
KU	○	AC120V	

● This service manual should be used together with the following manual(s):

Model No.	Order No.	Remarks
SH-D505/KU	ARP3054	

- The supplied service parts are only listed at page 2 and 5.
- The parts listed at page 8 to page 15 are not supplied as service parts.

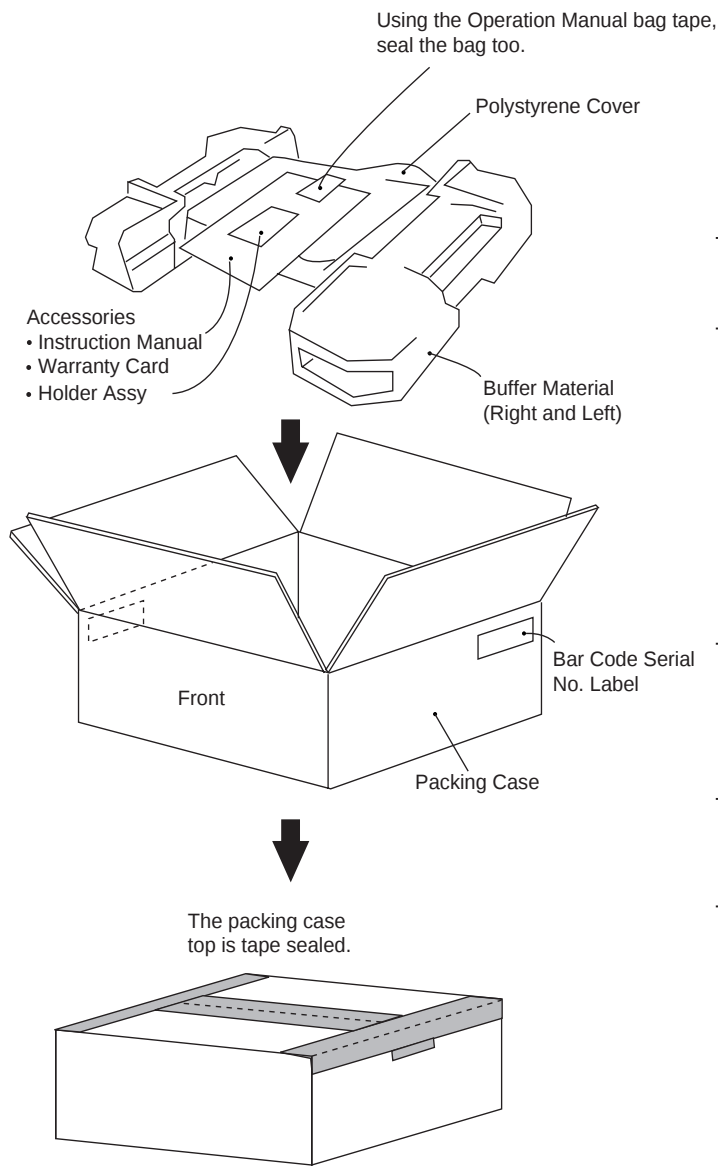
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1. EXPLODED VIEWS AND PARTS LIST

NOTES : ● Parts marked by “ NSP ” are generally unavailable because they are not in our Master Spare Parts List.
● The  mark found on some component parts indicates the importance of the safety factor of the part.
Therefore, when replacing, be sure to use parts of identical designation.

1.1 PACKING

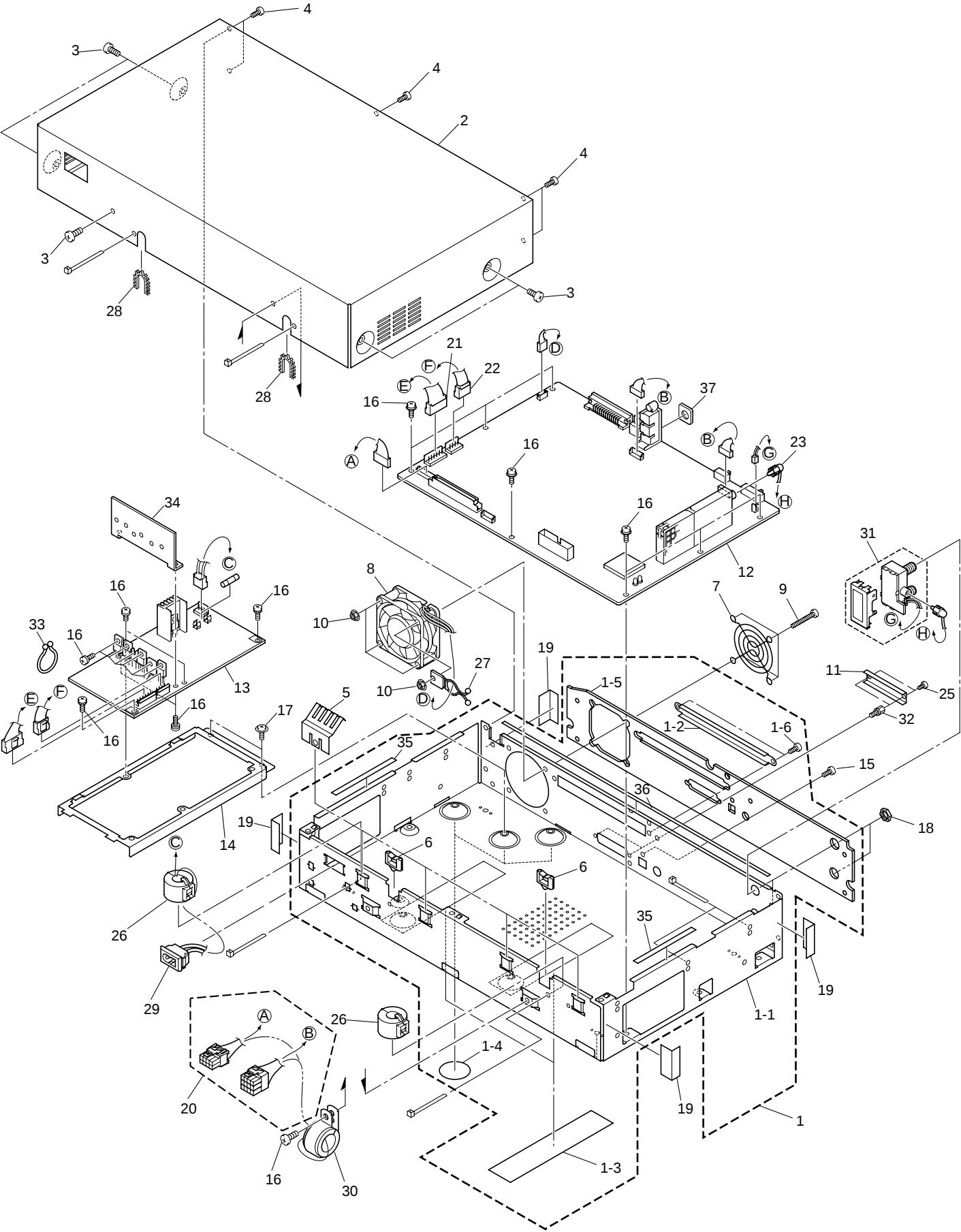


Ref. No.	Part No.	Description
PACKING PARTS LIST		
NSP	SPAKC0651MEZZ	Packing Case
NSP	SPAKP0041MEZZ	Polystyrene Cover
NSP	SPAKX0182MEZZ	Buffer Material
NSP	SSAKA0005MEZZ	Polyethylene Bag

SUPPLIED ACCESSORIES		
ACCESSORIES		
	ANG2327	Holder Assy

ACCESSORIES (NOT REPLACEMENT ITEM)		
NSP	TiNS-6852MEZZ	Instruction Manual (English)
NSP	ARY7023	Warranty Card

1.2 EXTERIOR SECTION



EXTERIOR SECTION PARTS LIST

Ref. No.	Part No.	Description
1	CCABA3002MES1	Bottom Cabinet Ass'y
NSP 1-1	<i>Not Available</i>	Bottom Cabinet
NSP 1-2	GCOVH3029CESA	Terminal Cover
NSP 1-3	GCOVH9007CE00	Cover-A
NSP 1-4	GCOVH9008CE00	Cover-B
NSP 1-5	HiNDP5256CESA	Terminal Indication Sheet
NSP 1-6	XJBSF30P10000	Screw
2	GCABB3002MESA	Top Cabinet
3	LX-HZ3040GEFF	Screw (BBZ40P120FBN)
4	XJBSF30P10000	Screw
5	QEARP0072CEFW	Earth Plate
6	LHLDW1205CEZZ	Wire Holder
7	GCOVH3028CEZZ	Fan Cover
8	NFANR0103CEZZ	Fan
9	XBPS40P35000	Screw
10	LX-NZ3159CEFD	Nut
11	GCOVH3030CESA	Terminal Cover
12	DUNTK9979FM04	MAIN UNIT
13	RDENC0291CEZZ	POWER UNIT
NSP 14	9FJ0N000001980	Chassis (LVR-UC2661TB)
15	XJBSF30P10000	Screw
16	XBPSD30P08KS0	Screw
17	XJPSD30P08X00	Screw
18	LX-NZ3047GEZZ	Nut
19	PSLDM3001MEZZ	Shield
20	QCNW-5473MEZZ	Connecting Cord
NSP 21	QCNW-5380MEZZ	Connecting Cord
NSP 22	QCNW-5381MEZZ	Connecting Cord
NSP 23	QCNW-5382MEZZ	Connecting Cord
24		
25	XBBSF26P04000	Screw
NSP 26	RCORF0054CEZZ	Ferrite Core
NSP 27	LHLDW1046PEKZ	Holder
28	LBSHC1018CEZZ	Wire Bush, x2
29	QCNW-5474MEZZ	AC Inlet Cord
NSP 30	RCORF0086CEZZ	Ferrite Core
31	RUNTK0658CEZZ	RF SW
32	NSFTZ0156CEFN	Screw
NSP 33	LHLDW1003MEKZ	Holder
NSP 34	9FJ0O01010170	Heat Sink (PBUH23-35)
35	PSLDM9007MEZZ	Shield Tape
36	PSLDM9006MEZZ	Shield Tape
37	PSLDC3002MEFW	Shield

2. CONTRAST OF MISCELLANEOUS PARTS

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "△" in the Replacement Parts Lists.

The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

● CONTRAST OF SH-D09/KU AND SH-D505/KU

SH-D09/KU and SH-D505/KU are constructed the same except for the following:

Ref. No.	Mark	Symbol and Description	Part No.		Remarks
			SH-D505/KU	SH-D09/KU	
		PCB PARTS SECTION			
P5 - 15		MAIN UNIT	DUNTK9979FM03	DUNTK9979FM04	
P5 - 14		R/C UNIT	DUNTK9980WE03	Not used	
P5 - 16		CONTROL UNIT	DUNTK9981WE03	Not used	
P5 - 13		SIGNAL OUT UNIT	DUNTK9982WE03	Not used	

NOTES: ● Reference Nos. indicate the pages and Nos. in the service manual for the base model.

NOTE :

The parts listed at page 8 to page 15 are not supplied as service parts.

Ref. No.	Part No.	Description
DUNTK9979FM04		
MAIN UNIT		
TUNER		
TU5001	RTUDT0003CEZZ	Tuner
	RUNTK0658CEZZ	RF Sw
INTEGRATED CIRCUITS		
IC5001	VHiTK11819M-1	TK11819MTL
IC5002	RH-iX3319CEZZ	GDC21D003
IC5003	VHiTCACT541F-1	TC74ACT541F
IC5004	VHiTCLCX04F-1	TC74LCX04F
IC5006	VHiTC7S04F/-1	TC7S04F
IC5051	VHiKA7809Pi-1	KIA7809PI
IC5053	VHiKA7809Pi-1	KIA7809PI
IC5054	VHiKA7805Pi-1	KIA7805PI
IC5101	RH-iX3321CEN0	TMP87PS38N
IC5102	VHiPST600DM-1	PST600DMT
IC5103	VHiTC7S08F/-1	TC7S08F
IC5201	RH-iX3292CEZZ	ST20TP4CX50S
IC5202	VHiM24C08W6-1	M24C08WMN6T
IC5203	VHiLHF80V01-1	LH28F800BVE
IC5204	VHiLHF80V01-1	LH28F800BVE
IC5205	VHiLHF80V01-1	LH28F800BVE
IC5206	VHiLHF80V01-1	LH28F800BVE
IC5207	RH-iX3272CEZZ	MSM51V18160D
IC5208	RH-iX3272CEZZ	MSM51V18160D
IC5211	VHiTLCX157F-1	TC74LCX157F
IC5212	VHiTLCX157F-1	TC74LCX157F
IC5213	VHiTLCX157F-1	TC74LCX157F
IC5214	VHiTCLCX04F-1	TC74LCX04F
IC5216	RH-iX3320CEN0	EPM7032AELC44
IC5219	VHiTLCX541F-1	TC74LCX541F
IC5220	VHiTLCX541F-1	TC74LCX541F
IC5221	VHiTLCX541F-1	TC74LCX541F
IC5222	RH-iX3330CEN0	M27C4001-10F1
IC5223	VHiTLCX541F-1	TC74LCX541F
IC5301	RH-iX3349CEZZ	ST14600BCV
IC5302	VHiPCM1720E-1	PCM1720E/2K
IC5303	VHiTC7S08F/-1	TC7S08F
IC5304	VHiTCACT04F-1	TC74ACT04F
IC5305	VHiNJM4560M-1	NJM4560M
IC5401	VHiSTI7000/-1	STI7000AQA
IC5402	RH-iX3318CEZZ	KM432S2030CT
IC5403	RH-iX3318CEZZ	KM432S2030CT
IC5404	RH-iX3252CEZZ	EPF6024AQC208
IC5801	RH-iX3185CEZZ	ADV7123KST140
IC5802	VHiMC44722A-1	MC44722AVFU
IC5805	VHiNJM2137M-1	NJM2137M
TRANSISTORS		
Q5001	VS2SK536///-1	Transistor
Q5002	VS2SK536///-1	Transistor
Q5003	VS2SC4116Y/-1	Transistor
Q5004	VS2SA1586// -1	Transistor
Q5006	VS2SC3928AR-1	Transistor
Q5007	VS2SA1362GR-1	Transistor
Q5101	VS2SK536///-1	Transistor
Q5102	VS2SK536///-1	Transistor
Q5201	VS2SA1362GR-1	Transistor
Q5301	VSDTC124EK/-1	Transistor
Q5302	VSDTA124EK/-1	Transistor
Q5303	VS2SC3928AR-1	Transistor

Ref. No.	Part No.	Description
Q5304	VS2SC3928AR-1	Transistor
Q5801	VS2SA1530AR-1	Transistor
Q5802	VS2SC3928AR-1	Transistor
Q5803	VS2SA1530AR-1	Transistor
Q5804	VS2SC3928AR-1	Transistor
Q5805	VS2SA1530AR-1	Transistor
Q5806	VS2SC3928AR-1	Transistor
Q5816	VS2SA1530AR-1	Transistor
Q5817	VS2SC3928AR-1	Transistor
Q5823	VSDTC124EK/-1	Transistor
Q5824	VSDTA124EK/-1	Transistor
Q5826	VSDTC124EK/-1	Transistor
Q5828	VSDTA124EK/-1	Transistor
Q5833	VS2SC2412KQ-1	Transistor
DIODES		
D5001	RH-PX0404CEZZ	Photodiode
D5002	RH-PX0403CEZZ	Photodiode
D5051	VHDHSU119// -1	Diode
D5053	VHDHSU119// -1	Diode
D5054	VHDHSU119// -1	Diode
D5109	VHDHSU119// -1	Diode
D5207	RH-PX0403CEZZ	Photodiode
D5208	RH-PX0404CEZZ	Photodiode
D5301	VHDMA153///-1	Diode
D5302	VHDMA153///-1	Diode
D5303	VHDHSU119// -1	Diode
D5304	VHDHSU119// -1	Diode
D5517	VHDHSU119// -1	Diode
D5518	VHDHSU119// -1	Diode
D5801	RH-EX1054CEZZ	Zener Diode
D5802	RH-EX1054CEZZ	Zener Diode
D5803	RH-EX1054CEZZ	Zener Diode
D5811	RH-EX0870CEZZ	Zener Diode
D5813	VHDHSU119// -1	Diode
CRYSTAL		
X5001	RCRSZ0087CEZZ	Crystal
X5201	RCRSC0032TAZZ	Crystal
X5202	RCRSZ0063CEZZ	Crystal
COIL AND TRANSFORMERS		
CF5101	RFiLC0121GEZZ	Filter
FL5201	RFiLN0080CEZZ	Filter
FL5809	RCiLF0350CEZZ	Coil
L5001	VPBCM220K1R0N	Peaking 22μH 10%
L5002	VPBCM220K1R0N	Peaking 22μH 10%
L5003	VPBCM220K1R0N	Peaking 22μH 10%
L5004	VPBCM220K1R0N	Peaking 22μH 10%
L5005	VPBCM220K1R0N	Peaking 22μH 10%
L5006	RCiLi0623CEZZ	If Coil
L5041	VPBCM100KR42N	Peaking 10μH 10%
L5301	VPBCM100KR42N	Peaking 10μH 10%
L5302	VPBCM100KR42N	Peaking 10μH 10%
L5303	VPBCM4R7MR23N	Peaking 4.7μH 20%
L5401	VPBCM2R2MR16N	Peaking 2.2μH 20%
L5402	VPBCM2R2MR16N	Peaking 2.2μH 20%
L5403	VPBCM2R2MR16N	Peaking 2.2μH 20%
L5801	VP-1M270J3R8N	Peaking 27μH 5%
L5802	VP-1M270J3R8N	Peaking 27μH 5%
L5809	VPBCM470K2R0N	Peaking 47μH 10%
CAPACITORS		
C5001	VCKYCY1CF104Z	0.1 16V Ceramic
C5002	VCKYCY1CF104Z	0.1 16V Ceramic
C5003	VCKYCY1CF104Z	0.1 16V Ceramic
C5004	VCKYCY1CF104Z	0.1 16V Ceramic

Ref. No.	Part No.	Description			Ref. No.	Part No.	Description		
C5005	VCKYCY1CF104Z	0.1	16V	Ceramic	C5203	VCKYCY1CF104Z	0.1	16V	Ceramic
C5006	VCEAPF1CW226M	22	16V	Electrolytic	C5204	VCKYCY1CF104Z	0.1	16V	Ceramic
C5007	VCEAPF1CW226M	22	16V	Electrolytic	C5205	VCKYCY1CF104Z	0.1	16V	Ceramic
C5008	VCEAPF1CW226M	22	16V	Electrolytic	C5206	VCKYCY1CF104Z	0.1	16V	Ceramic
C5009	VCEAPF1CW226M	22	16V	Electrolytic	C5207	VCKYCY1CF104Z	0.1	16V	Ceramic
C5010	VCEAPF1CW226M	22	16V	Electrolytic	C5208	VCKYCY1CF104Z	0.1	16V	Ceramic
C5011	VCEAPF1CW226M	22	16V	Electrolytic	C5209	VCKYCY1CF104Z	0.1	16V	Ceramic
C5012	VCKYTV1HF104Z	0.1	50V	Ceramic	C5210	VCKYCY1CF104Z	0.1	16V	Ceramic
C5013	VCEAPF1HW106M	10	50V	Electrolytic	C5211	VCKYCY1CF104Z	0.1	16V	Ceramic
C5014	VCKYTV1HF104Z	0.1	50V	Ceramic	C5212	VCKYCY1CF104Z	0.1	16V	Ceramic
C5015	VCEAPF1HW225M	2.2	50V	Electrolytic	C5213	VCKYCY1CF104Z	0.1	16V	Ceramic
C5016	VCKYCY1CF104Z	0.1	16V	Ceramic	C5214	VCKYCY1CF104Z	0.1	16V	Ceramic
C5017	VCKYCY1CF104Z	0.1	16V	Ceramic	C5215	VCKYCY1CF104Z	0.1	16V	Ceramic
C5018	VCKYCY1CF104Z	0.1	16V	Ceramic	C5216	VCKYCY1CF104Z	0.1	16V	Ceramic
C5019	VCKYTV1CB474K	0.47	16V	Ceramic	C5217	VCKYCY1CF104Z	0.1	16V	Ceramic
C5020	VCKYCY1CF104Z	0.1	16V	Ceramic	C5218	VCKYCY1CF104Z	0.1	16V	Ceramic
C5021	VCKYCY1CF104Z	0.1	16V	Ceramic	C5219	VCKYCY1CF104Z	0.1	16V	Ceramic
C5022	VCKYCY1CF104Z	0.1	16V	Ceramic	C5221	VCKYCY1CF104Z	0.1	16V	Ceramic
C5023	VCKYCY1CF104Z	0.1	16V	Ceramic	C5222	VCKYCY1CF104Z	0.1	16V	Ceramic
C5024	VCKYCY1CF104Z	0.1	16V	Ceramic	C5223	VCKYCY1CF104Z	0.1	16V	Ceramic
C5025	VCKYCY1CF104Z	0.1	16V	Ceramic	C5224	VCKYCY1CF104Z	0.1	16V	Ceramic
C5026	VCKYCY1CF104Z	0.1	16V	Ceramic	C5225	VCKYCY1CF104Z	0.1	16V	Ceramic
C5027	VCKYCY1CF104Z	0.1	16V	Ceramic	C5226	VCKYCY1CF104Z	0.1	16V	Ceramic
C5028	VCKYCY1CF104Z	0.1	16V	Ceramic	C5227	VCKYCY1CF104Z	0.1	16V	Ceramic
C5029	VCKYCY1CF104Z	0.1	16V	Ceramic	C5228	VCKYCY1CF104Z	0.1	16V	Ceramic
C5030	VCKYCY1CF104Z	0.1	16V	Ceramic	C5229	VCKYCY1CF104Z	0.1	16V	Ceramic
C5031	VCKYCY1CF104Z	0.1	16V	Ceramic	C5230	VCKYCY1CF104Z	0.1	16V	Ceramic
C5032	VCKYCY1CF104Z	0.1	16V	Ceramic	C5231	VCKYCY1CF104Z	0.1	16V	Ceramic
C5033	VCKYCY1CF104Z	0.1	16V	Ceramic	C5232	VCKYCY1CF104Z	0.1	16V	Ceramic
C5034	VCKYCY1CF104Z	0.1	16V	Ceramic	C5237	VCKYCY1CF104Z	0.1	16V	Ceramic
C5035	VCKYCY1CF104Z	0.1	16V	Ceramic	C5238	VCKYCY1CF104Z	0.1	16V	Ceramic
C5036	VCKYCY1CF104Z	0.1	16V	Ceramic	C5239	VCKYCY1CF104Z	0.1	16V	Ceramic
C5037	VCKYCY1CF104Z	0.1	16V	Ceramic	C5241	VCKYCY1CF104Z	0.1	16V	Ceramic
C5038	VCEAPF1CW226M	22	16V	Electrolytic	C5242	VCKYCY1CF104Z	0.1	16V	Ceramic
C5039	VCKYCY1CF104Z	0.1	16V	Ceramic	C5243	VCKYCY1CF104Z	0.1	16V	Ceramic
C5040	VCKYCY1CF104Z	0.1	16V	Ceramic	C5244	VCKYCY1CF104Z	0.1	16V	Ceramic
C5041	VCKYCY1CF104Z	0.1	16V	Ceramic	C5245	VCKYCY1CF104Z	0.1	16V	Ceramic
C5042	VCEAPF1CW107M	100	16V	Electrolytic	C5247	VCKYCY1CF104Z	0.1	16V	Ceramic
C5043	VCKYCY1CF104Z	0.1	16V	Ceramic	C5248	VCKYCY1CF104Z	0.1	16V	Ceramic
C5044	VCKYCY1CF104Z	0.1	16V	Ceramic	C5249	VCKYCY1CF104Z	0.1	16V	Ceramic
C5045	VCKYCY1CF104Z	0.1	16V	Ceramic	C5251	VCCCCY1HH220J	22p	50V	Ceramic
C5046	VCKYCY1CF104Z	0.1	16V	Ceramic	C5252	VCCCCY1HH220J	22p	50V	Ceramic
C5047	VCEAPF1HW225M	2.2	50V	Electrolytic	C5253	VCKYCY1CF104Z	0.1	16V	Ceramic
C5048	VCKYCY1CF104Z	0.1	16V	Ceramic	C5254	VCKYCY1CF104Z	0.1	16V	Ceramic
C5049	VCKYCY1CF104Z	0.1	16V	Ceramic	C5255	VCEAPF1CW476M	47	16V	Electrolytic
C5051	VCEAPF1CW476M	47	16V	Electrolytic	C5256	VCKYCY1CF104Z	0.1	16V	Ceramic
C5052	VCEAPF1CW106M	10	16V	Electrolytic	C5257	VCKYCY1CF104Z	0.1	16V	Ceramic
C5053	VCEAPF1CW476M	47	16V	Electrolytic	C5258	VCKYCY1CF104Z	0.1	16V	Ceramic
C5055	VCEAPF1CW106M	10	16V	Electrolytic	C5259	VCKYCY1CF104Z	0.1	16V	Ceramic
C5056	VCEAPF1CW106M	10	16V	Electrolytic	C5260	VCKYCY1CF104Z	0.1	16V	Ceramic
C5057	VCEAPF1CW476M	47	16V	Electrolytic	C5261	VCEAPF0JW107M	100	6.3V	Electrolytic
C5058	VCEAPF1CW106M	10	16V	Electrolytic	C5301	VCKYCY1CF104Z	0.1	16V	Ceramic
C5059	VCEAPF1CW476M	47	16V	Electrolytic	C5302	VCKYCY1CF104Z	0.1	16V	Ceramic
C5060	VCEAPF1CW226M	22	16V	Electrolytic	C5303	VCKYCY1CF104Z	0.1	16V	Ceramic
C5075	VCKYCY1CF104Z	0.1	16V	Ceramic	C5304	VCKYCY1CF104Z	0.1	16V	Ceramic
C5076	VCEAPF1HW335M	3.3	50V	Electrolytic	C5305	VCKYCY1CF104Z	0.1	16V	Ceramic
C5101	VCKYCY1HF103Z	0.01	50V	Ceramic	C5306	VCCCCY1HH331J	330p	50V	Ceramic
C5102	VCEAPF1CW226M	22	16V	Electrolytic	C5307	VCKYCY1CF104Z	0.1	16V	Ceramic
C5103	VCKYCY1HF103Z	0.01	50V	Ceramic	C5308	VCCCCY1HH100D	10p	50V	Ceramic
C5105	VCKYCY1HF102Z	1000p	50V	Ceramic	C5309	VCKYCY1CF104Z	0.1	16V	Ceramic
C5201	VCKYCY1CF104Z	0.1	16V	Ceramic	C5310	VCKYCY1CF104Z	0.1	16V	Ceramic
C5202	VCKYCY1CF104Z	0.1	16V	Ceramic	C5311	VCKYCY1CF104Z	0.1	16V	Ceramic

Ref. No.	Part No.	Description			Ref. No.	Part No.	Description		
C5312	VCKYCY1CF104Z	0.1	16V	Ceramic	C5431	VCKYCY1CF104Z	0.1	16V	Ceramic
C5313	VCKYCY1CF104Z	0.1	16V	Ceramic	C5432	VCKYCY1CF104Z	0.1	16V	Ceramic
C5314	VCKYCY1CF104Z	0.1	16V	Ceramic	C5433	VCKYCY1CF104Z	0.1	16V	Ceramic
C5315	VCKYCY1HF103Z	0.01	50V	Ceramic	C5434	VCKYCY1CF104Z	0.1	16V	Ceramic
C5316	VCCCCY1HH331J	330p	50V	Ceramic	C5435	VCKYCY1CF104Z	0.1	16V	Ceramic
C5317	VCKYCY1HB332K	3300p	50V	Ceramic	C5436	VCKYCY1CF104Z	0.1	16V	Ceramic
C5318	VCKYCY1CF104Z	0.1	16V	Ceramic	C5437	VCKYCY1CF104Z	0.1	16V	Ceramic
C5319	VCKYCY1CF104Z	0.1	16V	Ceramic	C5438	VCKYCY1CF104Z	0.1	16V	Ceramic
C5320	VCKYCY1CF104Z	0.1	16V	Ceramic	C5439	VCKYCY1CF104Z	0.1	16V	Ceramic
C5321	VCKYCY1HF103Z	0.01	50V	Ceramic	C5440	VCKYCY1CF104Z	0.1	16V	Ceramic
C5322	VCEAPF1CW106M	10	16V	Electrolytic	C5441	VCKYCY1CF104Z	0.1	16V	Ceramic
C5323	VCKYTV1CF105Z	1.0	16V	Ceramic	C5442	VCKYCY1CF104Z	0.1	16V	Ceramic
C5324	VCKYCY1HB681K	680p	50V	Ceramic	C5443	VCKYCY1CF104Z	0.1	16V	Ceramic
C5325	VCKYTV1CF105Z	1.0	16V	Ceramic	C5444	VCKYCY1CF104Z	0.1	16V	Ceramic
C5326	VCKYCY1HB681K	680p	50V	Ceramic	C5445	VCKYCY1CF104Z	0.1	16V	Ceramic
C5327	VCKYCY1CF104Z	0.1	16V	Ceramic	C5446	VCKYCY1CF104Z	0.1	16V	Ceramic
C5328	VCEAPF1HW105M	1.0	50V	Electrolytic	C5447	VCKYCY1CF104Z	0.1	16V	Ceramic
C5329	VCKYCY1HB222K	2200p	50V	Ceramic	C5448	VCKYCY1CF104Z	0.1	16V	Ceramic
C5330	VCKYCY1CF104Z	0.1	16V	Ceramic	C5449	VCKYCY1CF104Z	0.1	16V	Ceramic
C5331	VCEAPF1HW105M	1.0	50V	Electrolytic	C5450	VCKYCY1CF104Z	0.1	16V	Ceramic
C5332	VCKYCY1HB222K	2200p	50V	Ceramic	C5451	VCKYCY1CF104Z	0.1	16V	Ceramic
C5333	VCKYCY1HF103Z	0.01	50V	Ceramic	C5452	VCKYCY1CF104Z	0.1	16V	Ceramic
C5334	VCKYCY1CF104Z	0.1	16V	Ceramic	C5461	VCKYCY1CF104Z	0.1	16V	Ceramic
C5335	VCKYCY1HF103Z	0.01	50V	Ceramic	C5462	VCKYCY1CF104Z	0.1	16V	Ceramic
C5336	VCEAPF1CW106M	10	16V	Electrolytic	C5463	VCKYCY1CF104Z	0.1	16V	Ceramic
C5338	VCKYCY1CF104Z	0.1	16V	Ceramic	C5464	VCKYCY1CF104Z	0.1	16V	Ceramic
C5339	VCKYCY1CF104Z	0.1	16V	Ceramic	C5465	VCKYCY1CF104Z	0.1	16V	Ceramic
C5340	VCKYCY1CF104Z	0.1	16V	Ceramic	C5466	VCKYCY1CF104Z	0.1	16V	Ceramic
C5341	VCEAPF1CW106M	10	16V	Electrolytic	C5467	VCKYCY1CF104Z	0.1	16V	Ceramic
C5342	VCKYCY1HB471K	470p	50V	Ceramic	C5468	VCKYCY1CF104Z	0.1	16V	Ceramic
C5343	VCKYCY1HB471K	470p	50V	Ceramic	C5469	VCKYCY1CF104Z	0.1	16V	Ceramic
C5344	RC-EZ0475GEZZ	220	6.3V	Electrolytic	C5470	VCKYCY1CF104Z	0.1	16V	Ceramic
C5401	VCKYCY1CF104Z	0.1	16V	Ceramic	C5471	VCKYCY1CF104Z	0.1	16V	Ceramic
C5402	VCEAPF1CW106M	10	16V	Electrolytic	C5472	VCKYCY1CF104Z	0.1	16V	Ceramic
C5403	VCKYCY1CF104Z	0.1	16V	Ceramic	C5473	VCKYCY1CF104Z	0.1	16V	Ceramic
C5404	VCKYCY1CF104Z	0.1	16V	Ceramic	C5474	VCKYCY1CF104Z	0.1	16V	Ceramic
C5405	VCKYCY1CF104Z	0.1	16V	Ceramic	C5475	VCKYCY1CF104Z	0.1	16V	Ceramic
C5406	VCKYCY1CF104Z	0.1	16V	Ceramic	C5476	VCKYCY1CF104Z	0.1	16V	Ceramic
C5407	VCKYCY1CF104Z	0.1	16V	Ceramic	C5477	VCKYCY1CF104Z	0.1	16V	Ceramic
C5408	VCKYCY1CF104Z	0.1	16V	Ceramic	C5701	VCEAPF0JW107M	100	6.3V	Electrolytic
C5409	VCKYCY1CF104Z	0.1	16V	Ceramic	C5702	VCEAPF0JW107M	100	6.3V	Electrolytic
C5410	VCKYCY1CF104Z	0.1	16V	Ceramic	C5703	VCEAPF1CW106M	10	16V	Electrolytic
C5411	VCKYCY1CF104Z	0.1	16V	Ceramic	C5704	VCEAPF0JW107M	100	6.3V	Electrolytic
C5412	VCKYCY1CF104Z	0.1	16V	Ceramic	C5705	VCKYCY1CF104Z	0.1	16V	Ceramic
C5413	VCKYCY1CF104Z	0.1	16V	Ceramic	C5706	VCKYCY1CF104Z	0.1	16V	Ceramic
C5414	VCKYCY1CF104Z	0.1	16V	Ceramic	C5707	VCKYCY1CF104Z	0.1	16V	Ceramic
C5415	VCKYCY1CF104Z	0.1	16V	Ceramic	C5711	VCKYCY1CF104Z	0.1	16V	Ceramic
C5416	VCKYCY1CF104Z	0.1	16V	Ceramic	C5801	VCKYCY1CF104Z	0.1	16V	Ceramic
C5417	VCKYCY1CF104Z	0.1	16V	Ceramic	C5802	VCKYCY1CF104Z	0.1	16V	Ceramic
C5418	VCKYCY1CF104Z	0.1	16V	Ceramic	C5803	RC-EZ1147CEZZ	47	10V	Electrolytic
C5419	VCEAPF1CW106M	10	16V	Electrolytic	C5804	VCKYCY1CF104Z	0.1	16V	Ceramic
C5420	VCKYCY1CF104Z	0.1	16V	Ceramic	C5805	VCKYCY1CF104Z	0.1	16V	Ceramic
C5421	VCKYCY1CF104Z	0.1	16V	Ceramic	C5806	VCEAPF1CW106M	10	16V	Electrolytic
C5422	VCKYCY1CF104Z	0.1	16V	Ceramic	C5807	VCEAPF1CW106M	10	16V	Electrolytic
C5423	VCKYCY1CF104Z	0.1	16V	Ceramic	C5808	VCEAPF1CW106M	10	16V	Electrolytic
C5424	VCKYCY1CF104Z	0.1	16V	Ceramic	C5809	RC-EZ1316CEZZ	470	6.3V	Electrolytic
C5425	VCKYCY1CF104Z	0.1	16V	Ceramic	C5810	RC-EZ1316CEZZ	470	6.3V	Electrolytic
C5426	VCKYCY1CF104Z	0.1	16V	Ceramic	C5811	RC-EZ1316CEZZ	470	6.3V	Electrolytic
C5427	VCKYCY1CF104Z	0.1	16V	Ceramic	C5812	VCKYCY1CF104Z	0.1	16V	Ceramic
C5428	VCKYCY1CF104Z	0.1	16V	Ceramic	C5813	VCEAPF1CW476M	47	16V	Electrolytic
C5429	VCKYCY1CF104Z	0.1	16V	Ceramic	C5814	VCKYCY1CF104Z	0.1	16V	Ceramic
C5430	VCKYCY1CF104Z	0.1	16V	Ceramic	C5815	VCKYCY1CF104Z	0.1	16V	Ceramic

Ref. No.	Part No.	Description			Ref. No.	Part No.	Description		
C5816	VCKYCY1CF104Z	0.1	16V	Ceramic	R5053	VRN-VV3DB3R9J	3.9	2W	Metal Film
C5817	VCKYCY1CF104Z	0.1	16V	Ceramic	R5054	VRS-VV3DB180J	18	2W	Metal Oxide
C5818	VCKYCY1CF104Z	0.1	16V	Ceramic	R5055	VRS-VV3DB180J	18	2W	Metal Oxide
C5822	VCCCCY1HH270J	27p	50V	Ceramic	R5056	VRS-TV1JD000J	00	1/16W	Metal Oxide
C5823	VCCCCY1HH560J	56p	50V	Ceramic	R5057	VRS-TV1JD000J	00	1/16W	Metal Oxide
C5824	VCCCCY1HH390J	39p	50V	Ceramic	R5061	VRS-CY1JF333J	33k	1/16W	Metal Oxide
C5825	VCKYCY1CF104Z	0.1	16V	Ceramic	R5062	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
C5836	RC-EZ0475GEZZ	220	6.3V	Electrolytic	R5063	VRS-CY1JF562J	5.6k	1/16W	Metal Oxide
C5840	VCEAPF1CW476M	47	16V	Electrolytic	R5064	VRS-CY1JF563J	56k	1/16W	Metal Oxide
C5841	VCCCCY1HH5R0C	5.0p	50V	Ceramic	R5065	VRS-CY1JF473J	47k	1/16W	Metal Oxide
C5845	VCKYCY1CF104Z	0.1	16V	Ceramic	R5066	VRS-CY1JF473J	47k	1/16W	Metal Oxide
C5846	VCEAPF1HW335M	3.3	50V	Electrolytic	R5071	VRS-CY1JF000J	00	1/16W	Metal Oxide
RESISTORS					R5072	VRS-CY1JF202F	2.0k	1/16W	Metal Oxide
R5001	VRS-CY1JF102F	1.0k	1/16W	Metal Oxide	R5073	VRS-CY1JF332F	3.3k	1/16W	Metal Oxide
R5002	VRS-CY1JF101F	100	1/16W	Metal Oxide	R5075	VRS-CY1JF332F	3.3k	1/16W	Metal Oxide
R5003	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5076	VRS-CY1JF152F	1.5k	1/16W	Metal Oxide
R5004	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5077	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5005	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5078	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5006	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5079	VRS-CY1JF100J	10	1/16W	Metal Oxide
R5007	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5080	VRS-CY1JF182J	1.8k	1/16W	Metal Oxide
R5008	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5081	VRS-CY1JF222J	2.2k	1/16W	Metal Oxide
R5009	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5082	VRS-CY1JF222J	2.2k	1/16W	Metal Oxide
R5010	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5083	VRS-CY1JF222J	2.2k	1/16W	Metal Oxide
R5011	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5084	VRS-CY1JF222J	2.2k	1/16W	Metal Oxide
R5012	VRS-CY1JF473J	47k	1/16W	Metal Oxide	R5085	VRS-CY1JF681J	680	1/16W	Metal Oxide
R5013	VRS-CY1JF473J	47k	1/16W	Metal Oxide	R5086	VRS-CY1JF681J	680	1/16W	Metal Oxide
R5014	VRS-CY1JF473J	47k	1/16W	Metal Oxide	R5087	VRS-CY1JF272J	2.7k	1/16W	Metal Oxide
R5015	VRS-CY1JF473J	47k	1/16W	Metal Oxide	R5089	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5016	VRS-CY1JF123J	12k	1/16W	Metal Oxide	R5091	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide
R5017	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5092	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide
R5018	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide	R5093	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide
R5019	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5094	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide
R5020	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5101	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5021	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5102	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5022	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5103	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5023	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5104	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5024	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5105	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5025	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5106	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5026	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5107	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5027	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5108	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5028	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5109	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5029	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5110	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5030	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5111	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5031	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5112	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5032	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5113	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5033	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5114	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5034	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5115	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5035	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5116	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5036	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5119	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5037	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5121	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5038	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5122	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5039	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5123	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5040	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5124	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5041	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5125	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5042	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5126	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5043	VRS-CY1JF272F	2.7k	1/16W	Metal Oxide	R5127	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5044	VRS-CY1JF332F	3.3k	1/16W	Metal Oxide	R5128	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5045	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5129	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5046	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5130	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5049	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5131	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5050	VRS-CY1JF330J	33	1/16W	Metal Oxide	R5133	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5051	VRN-VV3AB6R8J	6.8	1W	Metal Film	R5134	VRS-CY1JF103J	10k	1/16W	Metal Oxide

Ref. No.	Part No.	Description			Ref. No.	Part No.	Description		
R5139	VRS-CY1JF101J	100	1/16W	Metal Oxide	R5254	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5147	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5255	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5149	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5256	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5150	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide	R5257	VRS-CY1JF560J	56	1/16W	Metal Oxide
R5151	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide	R5258	VRS-CY1JF680J	68	1/16W	Metal Oxide
R5152	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide	R5259	VRS-CY1JF680J	68	1/16W	Metal Oxide
R5153	VRS-CY1JF223J	22k	1/16W	Metal Oxide	R5260	VRS-CY1JF820J	82	1/16W	Metal Oxide
R5160	VRS-CY1JF473J	47k	1/16W	Metal Oxide	R5261	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5161	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5262	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5162	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5263	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5163	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5264	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5164	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5265	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5165	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5266	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5166	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5267	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5167	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5268	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5169	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5269	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5170	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5270	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5171	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5271	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5172	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5272	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5173	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5273	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5201	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5274	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5202	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5276	VRS-CY1JF473J	47k	1/16W	Metal Oxide
R5206	VRS-CY1JF182J	1.8k	1/16W	Metal Oxide	R5277	VRS-CY1JF473J	47k	1/16W	Metal Oxide
R5207	VRS-CY1JF182J	1.8k	1/16W	Metal Oxide	R5278	VRS-CY1JF473J	47k	1/16W	Metal Oxide
R5208	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5279	VRS-CY1JF473J	47k	1/16W	Metal Oxide
R5209	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5280	VRS-CY1JF473J	47k	1/16W	Metal Oxide
R5210	VRS-CY1JF681J	680	1/16W	Metal Oxide	R5281	VRS-CY1JF473J	47k	1/16W	Metal Oxide
R5211	VRS-CY1JF681J	680	1/16W	Metal Oxide	R5282	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5212	VRS-CY1JF182J	1.8k	1/16W	Metal Oxide	R5283	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5213	VRS-CY1JF182J	1.8k	1/16W	Metal Oxide	R5284	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5214	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5285	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5216	VRS-CY1JF182J	1.8k	1/16W	Metal Oxide	R5286	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5217	VRS-CY1JF182J	1.8k	1/16W	Metal Oxide	R5287	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5218	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5288	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5222	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5289	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5224	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5290	VRS-CY1JF101J	100	1/16W	Metal Oxide
R5225	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5291	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5226	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5292	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5227	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5293	VRS-CY1JF680J	68	1/16W	Metal Oxide
R5228	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5301	VRS-CY1JF822J	8.2k	1/16W	Metal Oxide
R5230	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5302	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5231	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5303	VRS-CY1JF104J	100k	1/16W	Metal Oxide
R5232	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5304	VRS-CY1JF393J	39k	1/16W	Metal Oxide
R5233	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5305	VRS-CY1JF222J	2.2k	1/16W	Metal Oxide
R5234	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5306	VRS-CY1JF104J	100k	1/16W	Metal Oxide
R5235	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5307	VRS-CY1JF393J	39k	1/16W	Metal Oxide
R5236	VRS-CY1JF152J	1.5k	1/16W	Metal Oxide	R5308	VRS-CY1JF222J	2.2k	1/16W	Metal Oxide
R5237	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5309	VRS-CY1JF472J	4.7k	1/16W	Metal Oxide
R5238	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5310	VRS-CY1JF392J	3.9k	1/16W	Metal Oxide
R5239	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5311	VRS-CY1JF821J	820	1/16W	Metal Oxide
R5241	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5312	VRS-TV1JD473J	47k	1/16W	Metal Oxide
R5242	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5313	VRS-TV1JD392J	3.9k	1/16W	Metal Oxide
R5243	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5314	VRS-TV1JD472J	4.7k	1/16W	Metal Oxide
R5245	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5315	VRS-CY1JF821J	820	1/16W	Metal Oxide
R5246	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5316	VRS-TV1JD473J	47k	1/16W	Metal Oxide
R5247	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5317	VRS-CY1JF561J	560	1/16W	Metal Oxide
R5248	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5318	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5249	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5319	VRS-CY1JF471J	470	1/16W	Metal Oxide
R5250	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5320	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5251	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5321	VRS-CY1JF222J	2.2k	1/16W	Metal Oxide
R5252	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5322	VRS-CY1JF222J	2.2k	1/16W	Metal Oxide
R5253	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5324	VRS-CY1JF103J	10k	1/16W	Metal Oxide

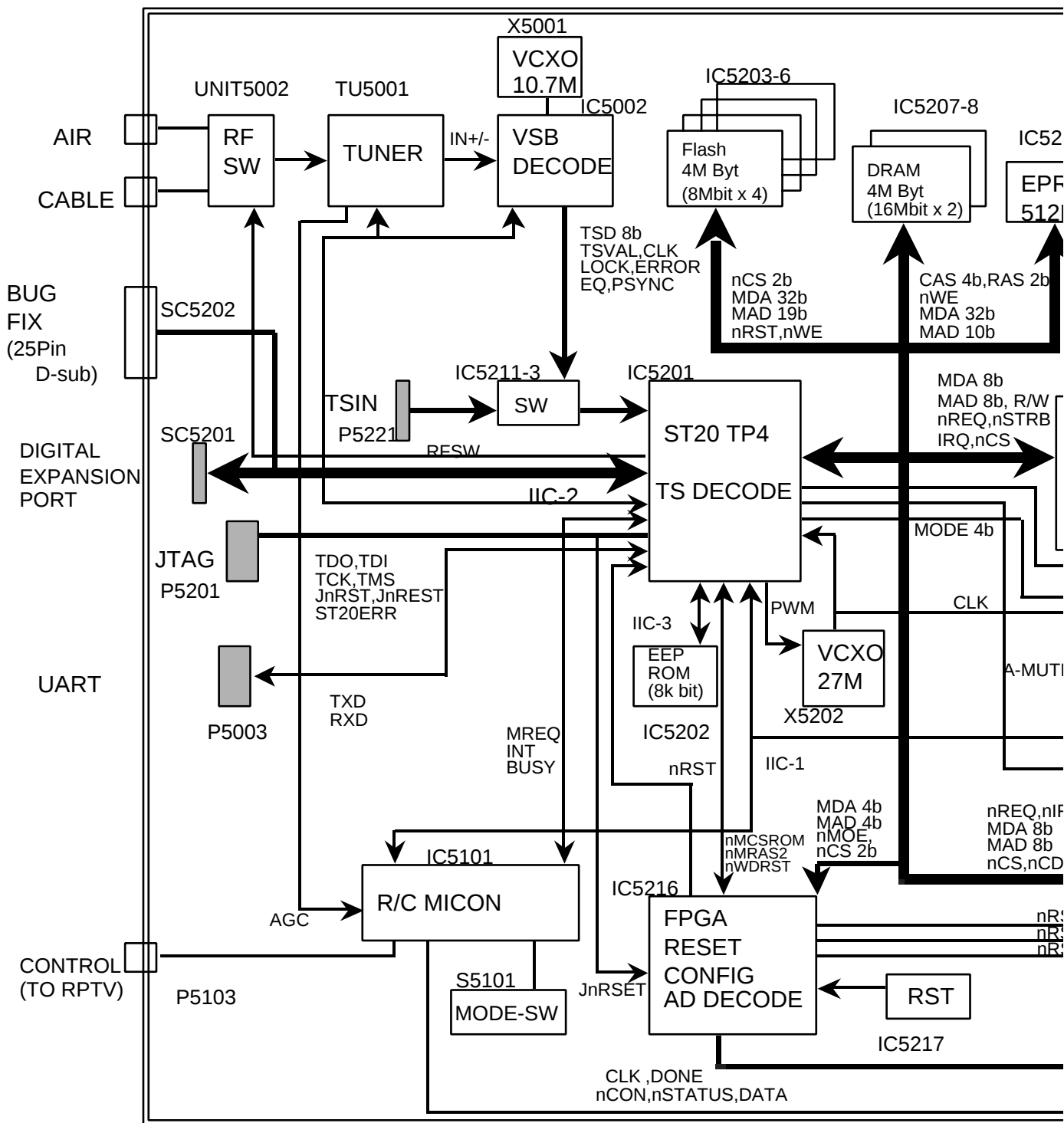
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Ref. No.	Part No.	Description			Ref. No.	Part No.	Description		
R5521	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5725	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5522	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5726	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5523	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5727	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5524	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5728	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5525	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5729	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5526	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5730	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5527	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5731	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5528	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5732	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5529	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5733	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5530	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5734	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5531	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5735	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5532	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5736	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5533	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5737	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5534	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5738	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5535	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5739	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5536	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5740	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5537	VRS-CY1JF100J	10	1/16W	Metal Oxide	R5741	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5538	VRS-CY1JF221J	220	1/16W	Metal Oxide	R5742	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5539	VRS-CY1JF151J	150	1/16W	Metal Oxide	R5743	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5540	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5744	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5541	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5745	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5542	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5746	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5543	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5747	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5544	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5748	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5545	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5749	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5546	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5750	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5547	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5751	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5548	VRS-CY1JF122J	1.2k	1/16W	Metal Oxide	R5752	VRS-TV1JD000J	00	1/16W	Metal Oxide
R5549	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5801	VRS-CY1JF391F	390	1/16W	Metal Oxide
R5550	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5802	VRS-TQ2BD000J	00	1/8W	Metal Oxide
R5551	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5803	VRS-TW2ED750J	75	1/4W	Metal Oxide
R5552	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5806	VRS-TW2ED750J	75	1/4W	Metal Oxide
R5553	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5808	VRS-TW2ED750J	75	1/4W	Metal Oxide
R5554	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	R5809	VRS-CY1JF560J	56	1/16W	Metal Oxide
R5555	VRS-CY1JF100J	10	1/16W	Metal Oxide	R5810	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide
R5556	VRS-CY1JF100J	10	1/16W	Metal Oxide	R5811	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5557	VRS-CY1JF100J	10	1/16W	Metal Oxide	R5812	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5558	VRS-CY1JF100J	10	1/16W	Metal Oxide	R5813	VRS-CY1JF560J	56	1/16W	Metal Oxide
R5559	VRS-CY1JF100J	10	1/16W	Metal Oxide	R5814	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide
R5560	VRS-CY1JF100J	10	1/16W	Metal Oxide	R5815	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5601	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5816	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5602	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5817	VRS-CY1JF560J	56	1/16W	Metal Oxide
R5607	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5818	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide
R5608	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5819	VRS-CY1JF000J	00	1/16W	Metal Oxide
R5611	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5820	VRS-CY1JF103J	10k	1/16W	Metal Oxide
R5612	VRS-CY1JF000J	00	1/16W	Metal Oxide	R5821	VRS-CY1JF104J	100k	1/16W	Metal Oxide
R5613	VRS-CY1JF103J	10k	1/16W	Metal Oxide	R5822	VRS-CY1JF104J	100k	1/16W	Metal Oxide
R5701	VRS-TQ2BD1R0J	1.0	1/8W	Metal Oxide	R5823	VRS-CY1JF104J	100k	1/16W	Metal Oxide
R5711	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5859	VRS-CY1JF181F	180	1/16W	Metal Oxide
R5712	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5860	VRS-CY1JF181J	180	1/16W	Metal Oxide
R5713	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5861	VRS-CY1JF181F	180	1/16W	Metal Oxide
R5714	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5862	VRS-CY1JF181J	180	1/16W	Metal Oxide
R5715	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5863	VRS-CY1JF181F	180	1/16W	Metal Oxide
R5716	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5864	VRS-CY1JF181J	180	1/16W	Metal Oxide
R5717	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5865	VRS-CY1JF182F	1.8k	1/16W	Metal Oxide
R5718	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5866	VRS-CY1JF392F	3.9k	1/16W	Metal Oxide
R5719	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5867	VRS-CY1JF272F	2.7k	1/16W	Metal Oxide
R5720	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5869	VRS-CY1JF470J	47	1/16W	Metal Oxide
R5721	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5870	VRS-CY1JF470J	47	1/16W	Metal Oxide
R5722	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5874	VRS-CY1JF681J	680	1/16W	Metal Oxide
R5723	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5875	VRS-CY1JF681J	680	1/16W	Metal Oxide
R5724	VRS-TV1JD000J	00	1/16W	Metal Oxide	R5876	VRS-CY1JF151J	150	1/16W	Metal Oxide

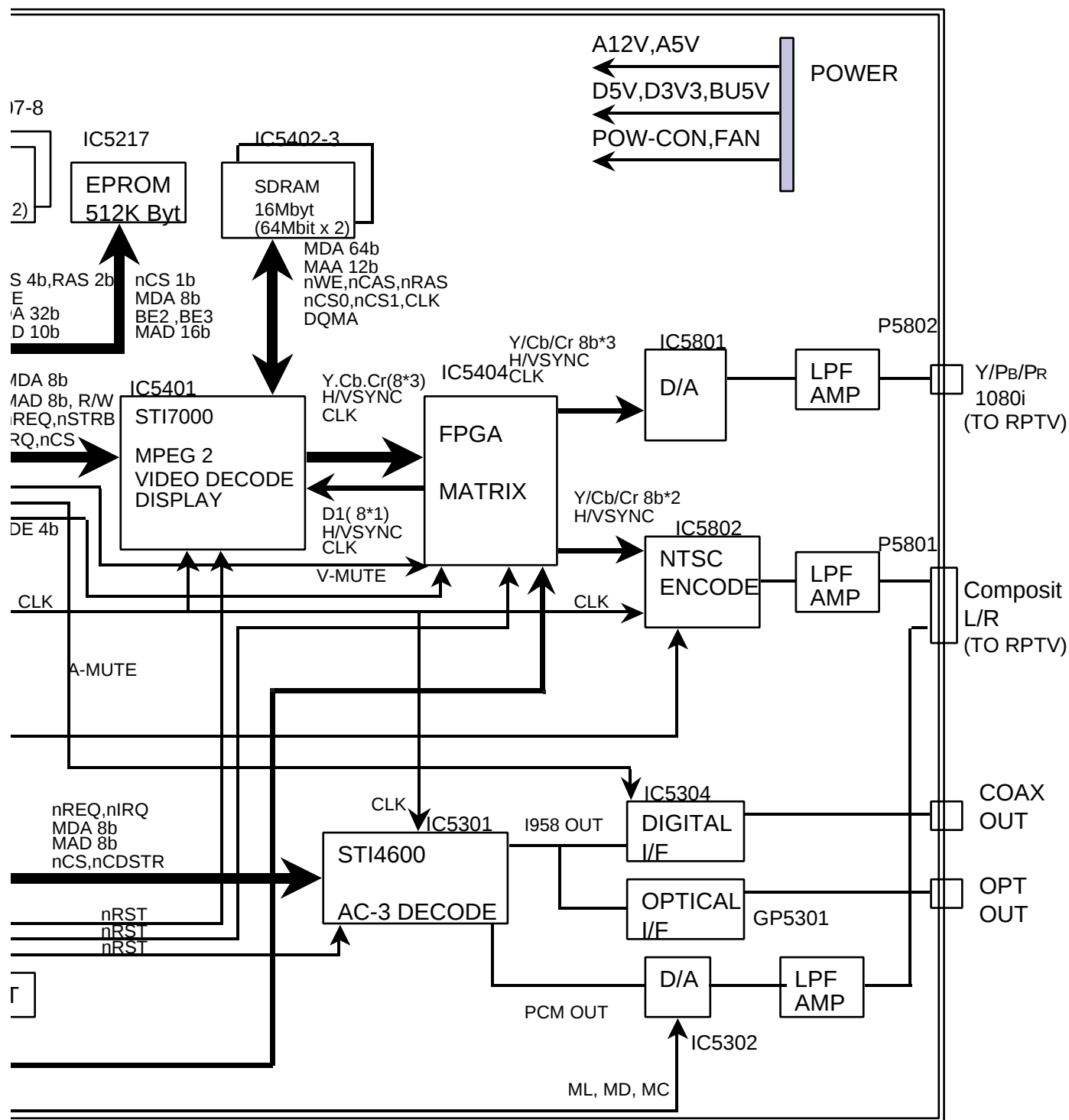
Ref. No.	Part No.	Description			Ref. No.	Part No.	Description
R5877	VRS-CY1JF392J	3.9k	1/16W	Metal Oxide	JP5215	QPLGN0239REZZ	Plug
R5881	VRS-CY1JF101J	100	1/16W	Metal Oxide	JP5216	QPLGN0239REZZ	Plug
R5883	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	JP5221	QPLGN0458FJZZ	Plug
R5914	VRS-CY1JF101J	100	1/16W	Metal Oxide	JP5225	QPLGN0239REZZ	Plug
R5915	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	JP5232	QPLGN0239REZZ	Plug
R5916	VRS-CY1JF102J	1.0k	1/16W	Metal Oxide	RDA505	PRDAR3203CEFW	Heat Sink
R5921	VRS-TV1JD750J	75	1/16W	Metal Oxide		PSLDC3002MEFW	Shield
R5922	VRS-CY1JF104J	100k	1/16W	Metal Oxide		QSOCN0251REZZ	Socket
R5925	VRS-CY1JF103J	10k	1/16W	Metal Oxide		LX-BZ3100CEFD	Screw
R5926	VRS-CY1JF101J	100	1/16W	Metal Oxide			
R5927	VRS-CY1JF000J	00	1/16W	Metal Oxide			
R5935	VRS-CY1JF103J	10k	1/16W	Metal Oxide			
R5937	VRS-CY1JF103J	10k	1/16W	Metal Oxide			
R5938	VRS-TV1JD000J	00	1/16W	Metal Oxide			
R5939	VRS-TV1JD000J	00	1/16W	Metal Oxide			
R5942	VRS-CY1JF000J	00	1/16W	Metal Oxide			
R5958	VRS-CY1JF101J	100	1/16W	Metal Oxide			
R5959	VRS-TV1JD561J	560	1/16W	Metal Oxide			
R5960	VRS-TV1JD561J	560	1/16W	Metal Oxide			
R5969	VRS-TV1JD680J	68	1/16W	Metal Oxide			
R5970	VRS-TV1JD680J	68	1/16W	Metal Oxide			
R5971	VRS-TV1JD680J	68	1/16W	Metal Oxide			
R5972	VRS-CY1JF201J	200	1/16W	Metal Oxide			
R5973	VRS-CY1JF201J	200	1/16W	Metal Oxide			
R5974	VRS-CY1JF201J	200	1/16W	Metal Oxide			
MISCELLANEOUS PARTS							
S5101	QSW-C0049CEZZ			Switch			
F5703	QFS-L1621CEZZ			Fuse			
F5704	QFS-L1222CEZZ			Fuse			
F5709	QFS-L1621CEZZ			Fuse			
FB5001	RBLN-0084CEZZ			Balun			
FB5108	RBLN-0065TAZZ			Balun			
FB5109	RBLN-0065TAZZ			Balun			
FB5110	RBLN-0065TAZZ			Balun			
FB5111	RBLN-0065TAZZ			Balun			
FB5112	RBLN-0065TAZZ			Balun			
FB5115	RBLN-0065TAZZ			Balun			
FB5201	RBLN-0084CEZZ			Balun			
FB5301	RBLN-0065TAZZ			Balun			
FB5501	RBLN-1037CEZZ			Balun			
FB5701	RBLN-0084CEZZ			Balun			
FB5802	RBLN-0049TAZZ			Balun			
FB5803	RBLN-0067TAZZ			Balun			
FB5804	RBLN-0067TAZZ			Balun			
FB5805	RBLN-0067TAZZ			Balun			
FB5811	RBLN-0049TAZZ			Balun			
J5301	VHPGP1F32T/-1			OPT Terminal			
J5802	QTANJ0193CEZZ			Terminal			
P5003	QPLGN0541CEZZ			Plug			
P5005	QPLGN0213GEZZ			Plug			
P5102	QPLGN0741CEZZ			Plug			
P5103	QPLGN0841CEZZ			Plug			
P5201	QPLGN0450FJZZ			Plug			
P5701	QPLGN0667GEZZ			Plug			
P5702	QPLGN0467GEZZ			Plug			
P5703	QPLGN0341CEZZ			Plug			
P5801	QPLGN0541CEZZ			Plug			
P5802	QPLGN0641CEZZ			Plug			
SC5101	QSOCZ4234GEZZ			Socket			
SC5201	QSOCN0472FJZZ			Socket			
SC5202	QSOCN0476FJZZ			Socket			
SC5222	QSOCZ3201CEZZ			Socket			

3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM

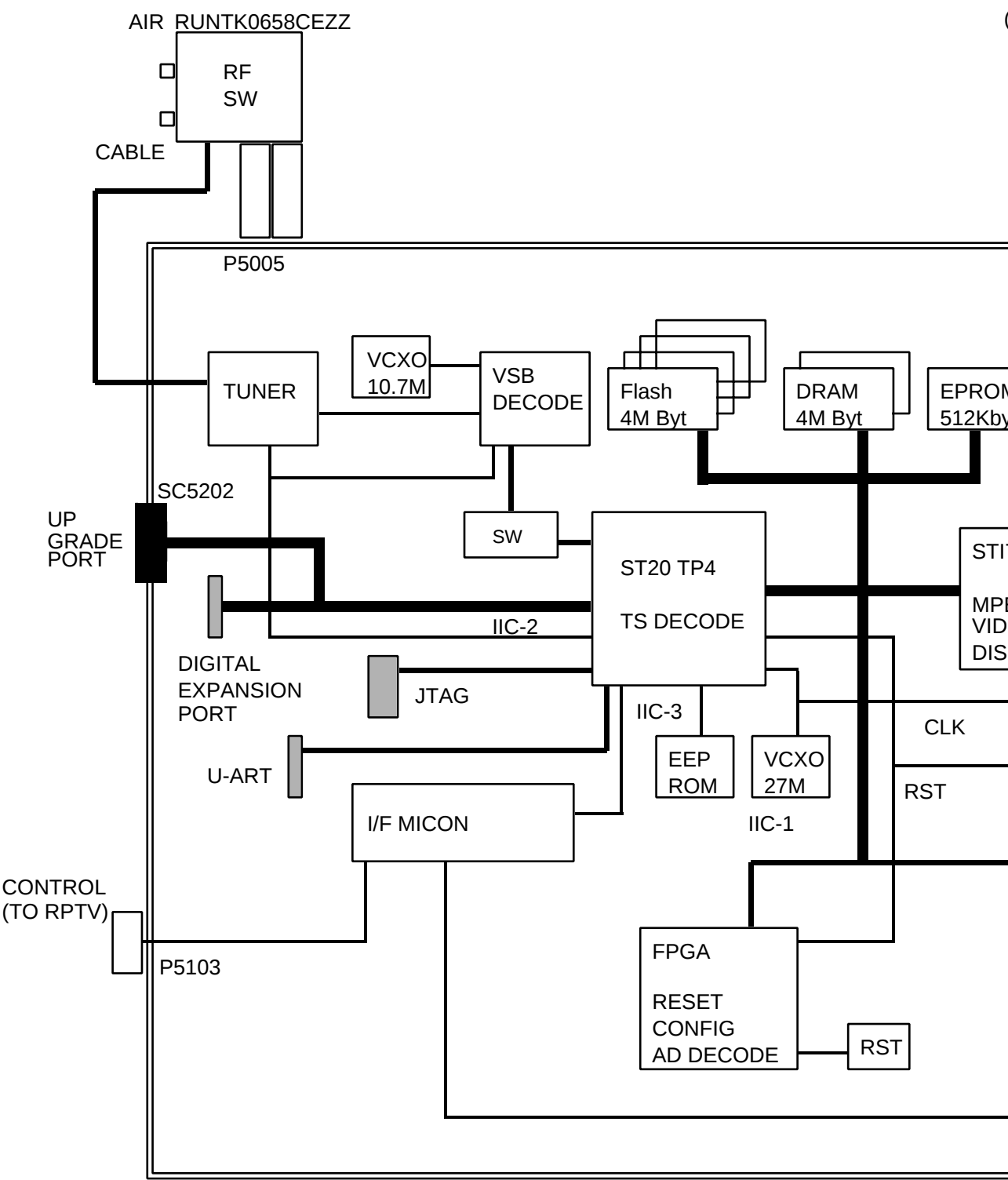
3.1 BLOCK DIAGRAM

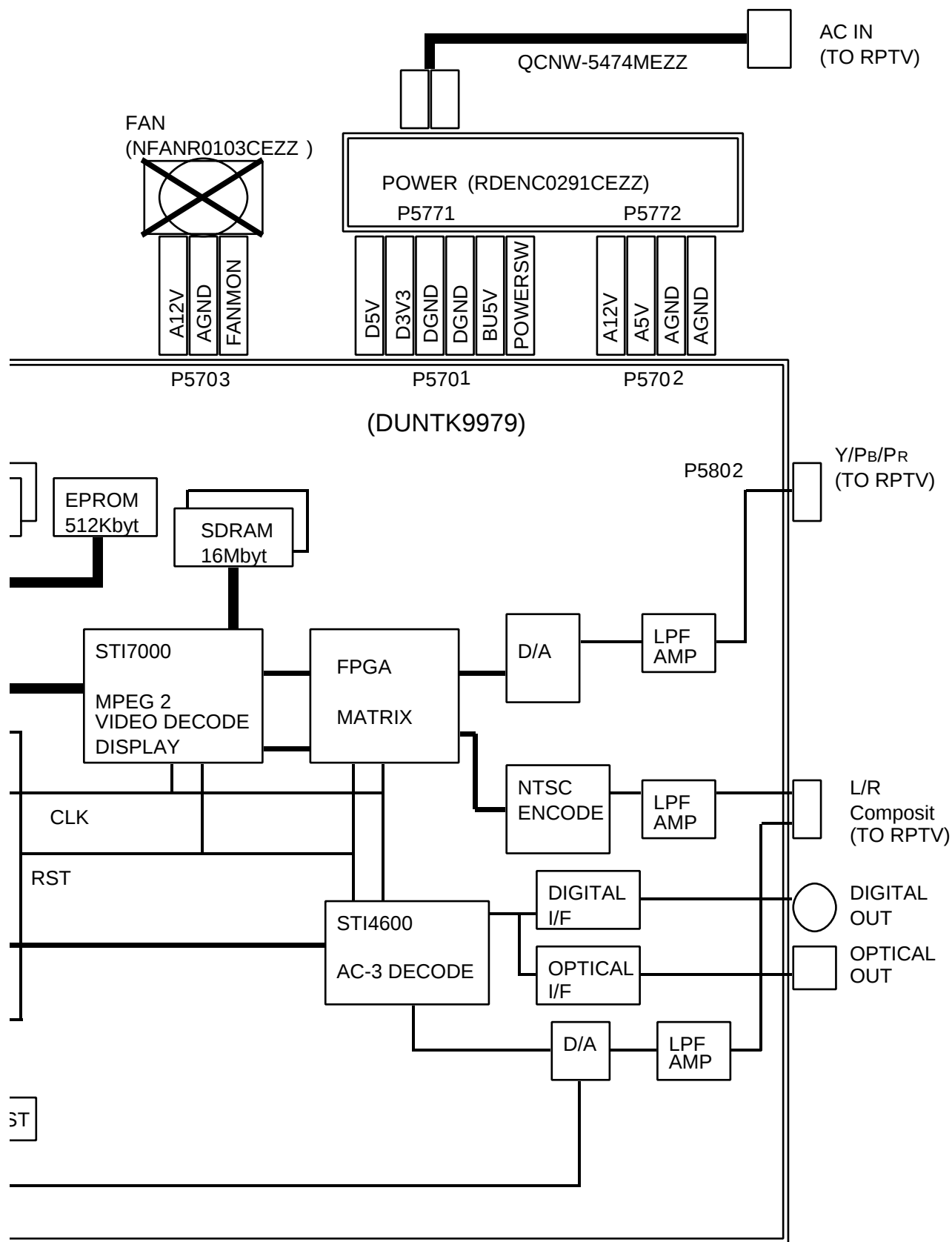


Note : When ordering service parts, be sure to refer to "EXPLODED VIEWS
and PARTS LIST" or "PCB PARTS LIST".



3.2 OVERALL CONNECTION DIAGRAM





DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted.
(K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted.
(J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/16W, unless otherwise noted.

CAPACITOR

1. All capacitors are μF, unless otherwise noted.
(P=pF=μμF).

CAUTION:

This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:

1. **DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.**
2. **SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.**

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "△" () ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.



5



6



7



8

SH-D09



A



B



C



D



5



6



7

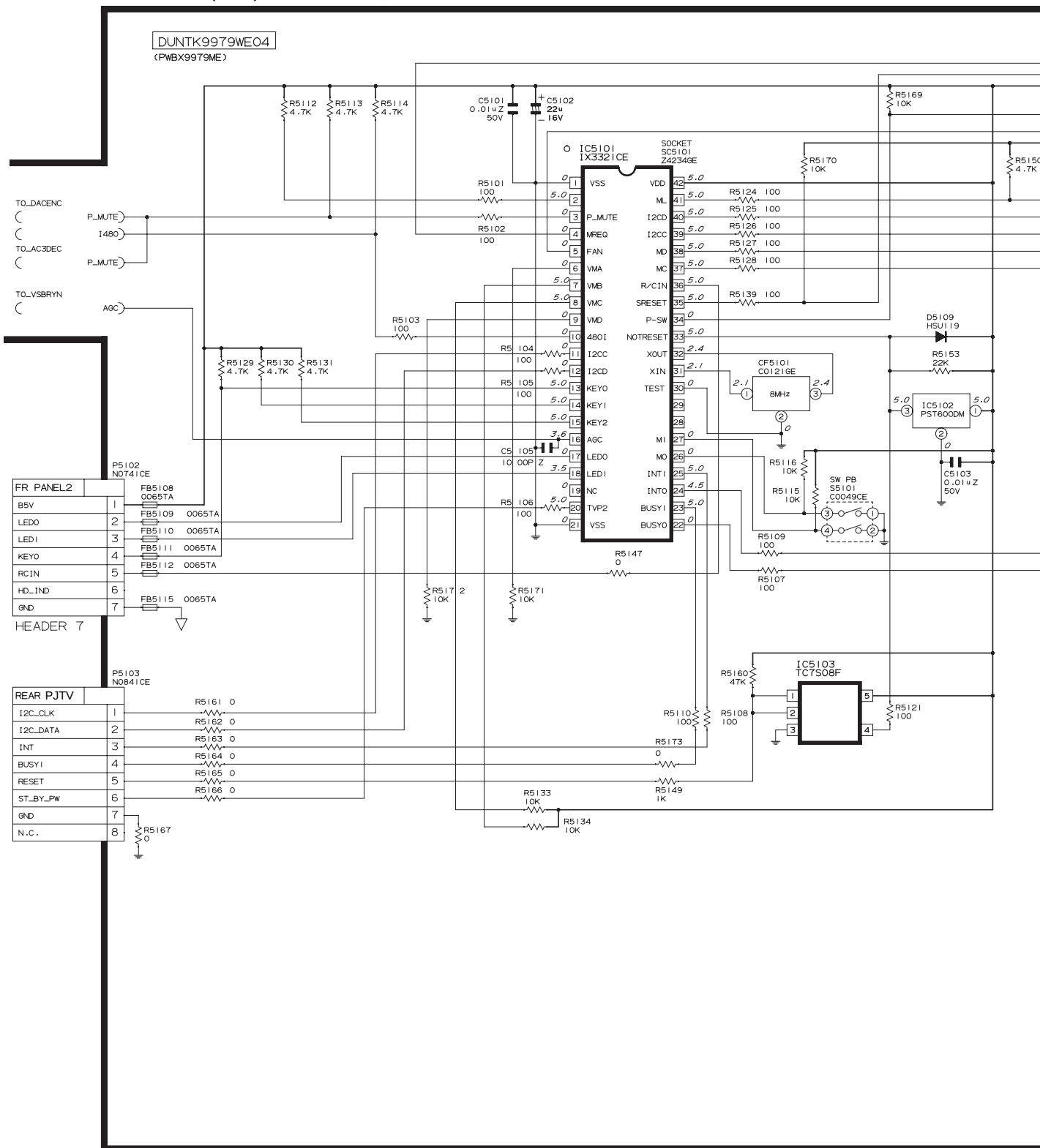


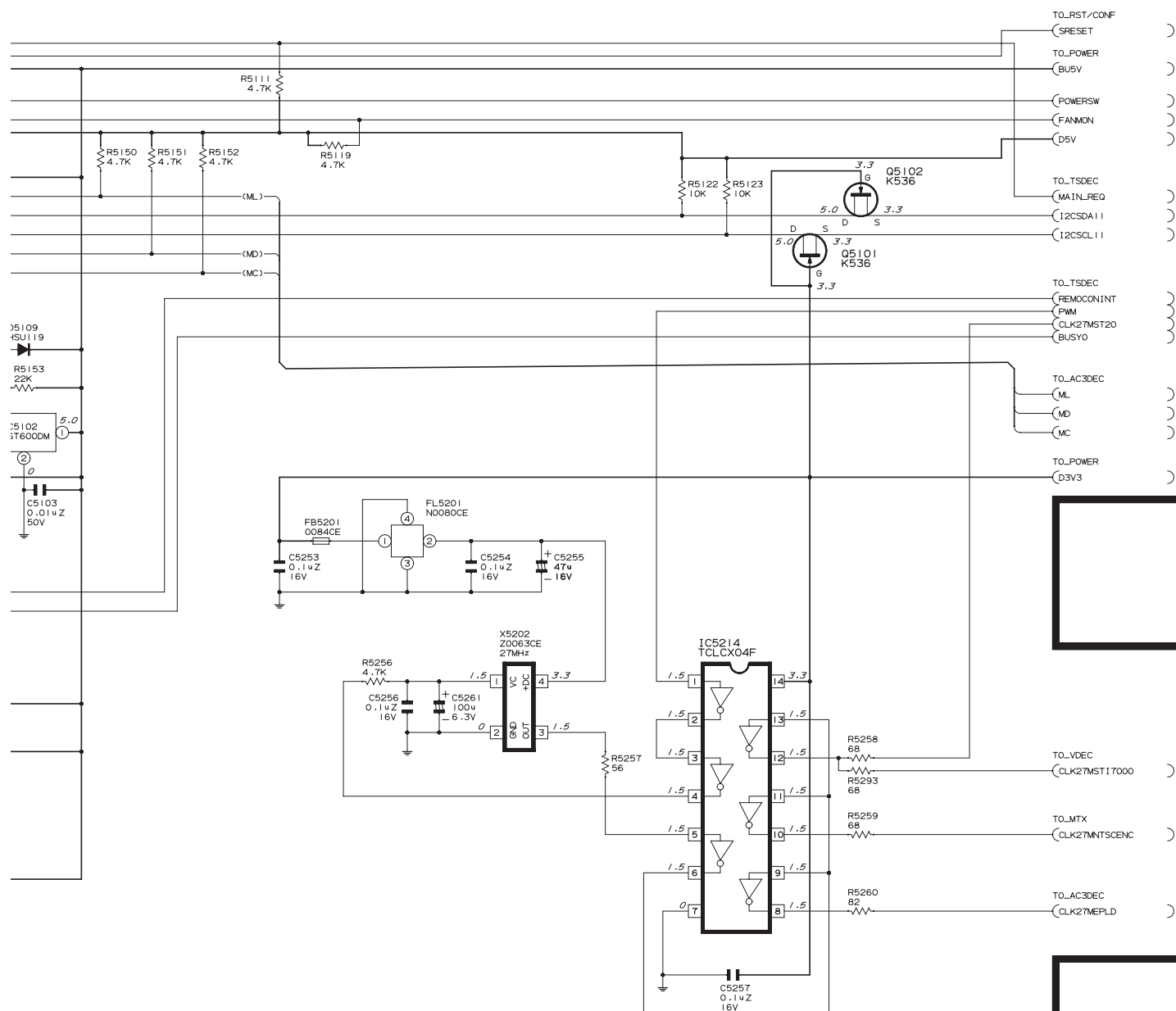
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3.3 MAIN-1/13 F

MAIN UNIT (1/13) MICON/CLK





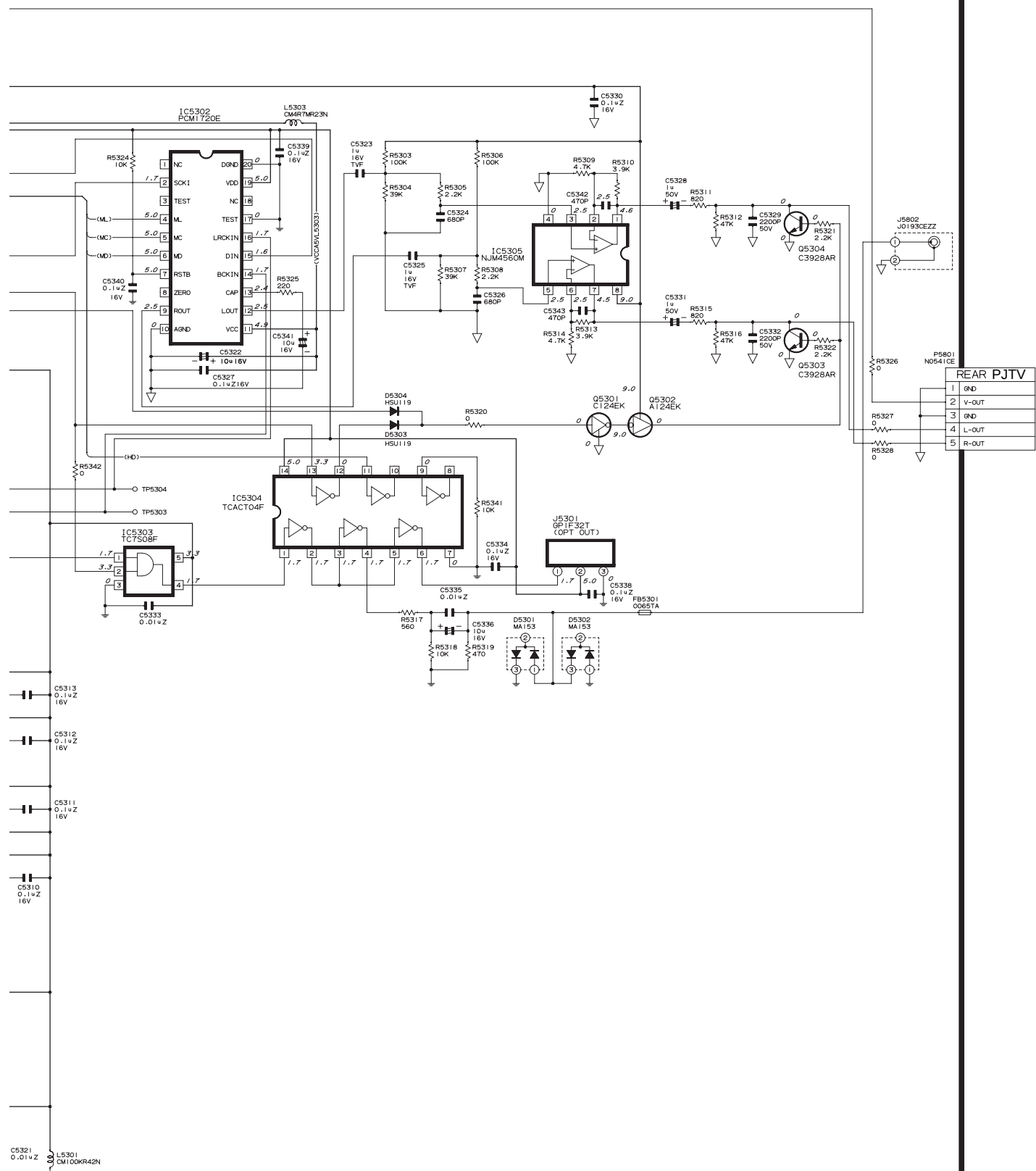
A

B

C

D





3.5MAIN-12/13 F

MAIN UNIT (12/13) DACENC

