

Service Manual



Multi Voice File

PV-6232A

CONTENTS

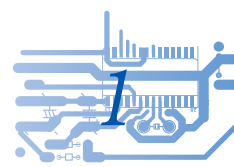
Specifications	1
Electrical Parts List	2
Top and Bottom View of P.C. Board	7
Wiring Diagram	9
Block Diagram	10
Schematic Diagram	11
Exploded View of Cabinet & Chassis / Mechanical Parts List	16

SPECIFICATIONS

		PV-6232A
Communication method		RS-232C PC INTERFACE
Rated output (1kHz, MIC -50dBu, CD -10dBu, AUX -10dBu)		0dBu
Play mode output level (1kHz 0dBFS Play, Max. Volume)		Maximum +20dBu
HEAD PHONE OUTPUT		Maximum 250mW / 50Ω
Frequency characteristics (Output at Rated ±3dB)	AUX IN	40Hz~20kHz
	CD IN	40Hz~20kHz
	MIC IN	40Hz~200kHz
Input sensitivity / Impedance	AUX IN	-10dB / 10kΩ (UNBAL)
	CD IN	-10dB / 10kΩ (UNBAL, L+R)
	MIC IN	-50dB / 2kΩ (BAL)
Recording mode Signal to Noise (20kHz LPF)		> 58dB
Play mode Signal to Noise (20kHz LPF, 1kHz 0dBFS MP3 Play)		> 100dB
THD (20kHz LPF)		< 0.3 %
Operating Temperature		-10°C ~ +40°C
Power Source		AC 220-240V, 50/60Hz, DC 24V
Power consumption		15W
Weight (set)		4.35kg / 9.59lb
Dimension (set)		482(W) × 88(H) × 280(D)mm / 19(W) × 3.5(H) × 11(D)in

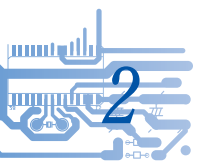
* Design and specification are subject to be changed for the improvement of product quality without pre notice.

※ Caution: This device is for business and is completed in Electromagnetic Compatibility Registration. Seller or User should be cautious for this point and if selling or purchasing wrongly, exchange into the device for home. (Class A Product)



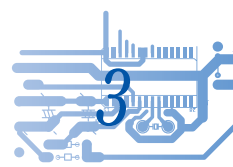
ELECTRICAL PARTS LIST

REF	ITEM NO.	DEFINE	VALUE
MAIN			
CN401	111041	02P/B3PS-VH/7.92,B3PSVH-02P	B3PSVH-02P
CN301	111359	04P/LW-5267/2.5,LW5267-04P	LW5267-04P
CN305 CN502	111363	08P/LW-5267/2.5,LW5267-08P	LW5267-08P
CN306	111364	09P/LW-5267/2.5,LW5267-09P	LW5267-09P
FB401 FB403 FB408	103528	100MHZ/BEAD/103528,100MHz	100MHz
FB406-407	127463	100OHM/BEAD/127463,100ohm	100ohm
VR501	105102	103A/14/RK14K1240306,10KA*2	10KA*2
X201	128738	12.288MHZ/-10~70C/HC-49SM/SMD,12.288MHz	12.288MHz
FB101-106 FB201			
FB301 FB303-307			
FB314-328 FB409-418			
FB501-507	119309	120OHM/BEAD/119309,120ohm	120ohm
AN401	109442	12P/ASSY/2.5/120MM/109442,ASS'Y-12P	ASS'Y-12P
AN101 CN101 CN303	111367	12P/LW-5267/2.5,LW5267-12P	LW5267-12P
F401	112584	20/1.25A/250V/T/KUCJ/112584,250VT1.25AL	250VT1.25AL
VR102	105333	202/SEM/FT-63TP,2K	2K
VR201-202	140176	203/SEM/FT-63ETS,20K	20K
VR103	105253	203A/12/XVB12311YGPJ25F,20KA*2	20KA*2
CN304 CN503	111047	20P/12511HS/1.25,12511HS-20P	12511HS-20P
CN504	140097	20P/DS1021-20SF1A1/11.6,DS1021-20SF1A1-20P	DS1021-20SF1A1-20P
RL201-202	133899	24V/AGN20024/S2L1,24V	24V
CN102 CN501	111192	26P/FFC-SCB11/1.25,FFCSCB-26P	FFCSCB-26P
L401-403	119249	33UH/12.5/SHP1260P-F330A,33uH	33uH
VR101	105339	501/SEM/FT-63TP,500	500
IC311 IC405	131508	74LV123DB/SSOP16P/2,74LV123DB	74LV123DB
IC509	119133	74LV14D/SO14P,74LV14D	74LV14D
IC314	136841	74LV245/SO20P/2,74LV245	74LV245
IC302-303	130223	74LV573DB/SSOP20P/2,74LV573DB	74LV573DB
IC210	118724	7805/KIA/D-PAK,7805	7805
X301	127027	8MHZ/-20~70C/C5-35S18/SMD,8MHZ	8MHZ
IC211 IC404	118971	AP1086D33L/TO252-3,AP1086D33L	AP1086D33L
IC209	118973	AP1117E18L/SOT223,AP1117E18L	AP1117E18L
IC507	119147	AP1117E33L/SOT223,AP1117E33L	AP1117E33L
BD401	102645	BD/KBP202-203G,KBP202G	KBP202G
G3-4	126028	BK/126028,Bracket	Bracket
C101 C201-202			
C207-208 C245-246	120240	CE0.001U50K/1608,0.001U	0.001U
C147 C304 C342			
C419-421 C443			
C530-532	120415	CE0.01U50K/1608,0.01U	0.01U
C122 C126-135			
C144-146 C149			
C212-219 C230-231			
C233-238 C241			
C243-244 C253			
C272-286 C307-315			
C317 C330-332 C334			
C336-338 C340-341			
C343 C407-408			
C413-415 C426 C428			
C430 C432 C434 C436			
C438-439 C441			
C444-449 C452-453			
C508-516 C519-522			
C525-526 C528-529			
C535-541	120419	CE0.1U50K/1608,0.1U	0.1U
C503-504	120281	CE0.22U16Z/1608,0.22/16	0.22/16
C109 C118-119			
C257-264 C422-424	120351	CE100P50J/1608,100P	100P
C197 C451 C533-534	129256	CE10U6.3K/1608,10U6.3	10U6.3
C123 C148 C211 C254			
C303 C305 C335			
C416-418 C442			
C505-506	120250	CE1U50K/1608,1U	1U



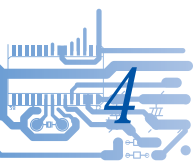
ELECTRICAL PARTS LIST

REF	ITEM NO.	DEFINE	VALUE
C318-319	129257	CE2.2U10K/1608,2.2U10	2.2U10
C209-210 C301-302	120267	CE20P50J/1608,20P	20P
C203-204 C247-250	120369	CE220P50J/1608,220P	220P
C104-105	120379	CE330P50J/1608,330P	330P
C107-108 C251-252	120338	CE33P50K/1608,33P	33P
C140-141 C501-502	120390	CE470P50J/1608,470P	470P
C112 C114	120388	CE47P50J/1608,47P	47P
IC202	133095	CS4392-KZZ/TSSOP20P/2,CS4392-KZZ	CS4392-KZZ
D101-106 D110			
D201-203 D205			
D301 D404 D408			
D411 D413-414			
D502-507	119190	D/BAS21/SOT23,BAS21	BAS21
D420-421	119203	D/MURS120T3/SMB,MURS120T3	MURS120T3
D405-406 D409 D412	119182	D/SX34/SMA,SX34	SX34
CON402	111451	DS09P/M/111451,D-SUB09P	D-SUB09P
SW505	128634	EC/V/EC11E15D2RA2Z02/11E20F,EC11E15D2RA2Z02	EC11E15D2RA2Z02
C242 C425 C427			
C429 C431 C433	126624	EC100U25M/NXB/T,100/25	100/25
C410-412	125848	EC100U50M/NXB/T,100/50	100/50
C265-268 C287 C440	120120	EC100U6.3M/RC,100/6.3	100/6.3
C102-103 C239-240			
C306 C333 C339	120117	EC10U16M/RC,10/16	10월 16일
C124-125 C517-518	120118	EC10U25M/RC,10/25	10월 25일
C435	127711	EC10U50M/NXB/T,10/50	10/50
C142-143	120132	EC220U16M/RC,220/16	220/16
C232 C437	120131	EC22U16M/RC,22/16	22/16
C270-271	120110	EC22U25M/SC,22/25	22/25
C111 C116-117			
C120-121 C255-256			
C527	120099	EC22U6.3M/JC,22/6.3	22/6.3
C401	105533	EC4700U35M/HC,4700/35	4700/35
C409	105356	EC470U35M/RD/T,470/35	470/35
C110 C138-139 C507	120101	EC47U16M/JC,47/16	47/16
C106	120144	EC47U6.3M/RC,47/6.3	47/6.3
FH401	111579	FUSE/GF-205B,GF-205B	GF-205B
H5-8	FIDUCIAL	HOLE/FIDUCIAL,VALUE	VALUE
G1-2 H2	GND	HOLE/GND/4,VALUE	VALUE
GND1-11	GND	HOLE/GND/3.5,GND	GND
H1 H3-4 H11-12	HOLE	HOLE/PCB/4,VALUE	VALUE
IC304	137629	IS61WV25616EDBLL-10TLI/TSOP44P/2,IS61WV25616EDBLL-10TLI IS61WV25616EDBLL-10TLI	
LD101 LD201 LD302			
LD507-514 LD517-518	130295	LD/G/1608/BL-HGK36A,BL-HGK36A	BL-HGK36A
LD405	103268	LD/G/3T/BL-C9/GE-V1E,BL-C9/GE-V1E	BL-C9/GE-V1E
LD202 LD301 LD404			
LD501-502 LD521-522	129968	LD/R/1608/BL-HUE36A,BL-HUE36A	BL-HUE36A
LD401-403 LD503-506			
LD515-516 LD519-520	130293	LD/Y/1608/BL-HKB36A,BL-HKB36A	BL-HKB36A
IC28 IC402-403	136256	LM22672/SOP08P/2,LM22672	LM22672
IC207-208	128573	LME49860MA/SOIC08P,LME49860MA	LME49860MA
C402	105924	MA0.1U100K/CEM/T,0.1/100(M),???	0.1/100(M)
C205-206 C405-406	125968	MA0.47U63J/CEM,0.47/63(M)	0.47/63(M)
C403	105926	MA1500P100J/CEM/T,1500P100(M)	1500P100(M)
C136-137	127575	MA1U63J/CEM/T,1/63(M)	1/63(M)
IC406	119039	MAX3232CUE/TSSOP16P/2,MAX3232CUE	MAX3232CUE
IC310	131280	MP62055/SOT23-5,MP62055	MP62055
Q113-114 Q201-202	129509	N/PMBFJ112/SOT23,PMBFJ112	PMBFJ112
IC102-105 IC203 IC206			
IC501-502	118730	NJM072M/DMP08P,NJM072M	NJM072M
IC101 IC204-205	118707	NJM2068M/DMP08P,NJM2068M	NJM2068M
IC503-506	122232	NJM2901M/DMP14P,2901N	2901N
IC106	118715	NJM3414AV/SSOP08P,NJM3414AV	NJM3414AV
IC305 IC313	129793	NL17SZ04DFT2G/SC70-5,NL17SZ04	NL17SZ04
IC306 IC312 IC407	129794	NL17SZ08DFT2G/SC70-5,NL17SZ08	NL17SZ08



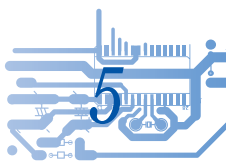
ELECTRICAL PARTS LIST

REF	ITEM NO.	DEFINE	VALUE
MAIN			
Q108 Q111-112 Q115			
Q203 Q402-405			
Q503-506	118672	NPN/2N3904/SOT23,2N3904	2N3904
Q401	137324	P/FDD5614P/TO252,FDD5614P	FDD5614P
PC401	118872	PC/LTV817B,LTV817B	LTV817B
IC508	132123	PCA9535/TSSOP24P/2,PCA9535	PCA9535
CON102-103	131492	PHN04P/131492,PHONE04P	PHONE04P
CON101	111615	PHN09P/111615,PHONE09P	PHONE09P
Q103-107 Q109-110			
Q301 Q501-502	118663	PNP/2N3906S/SOT23,2N3906S	2N3906S
Q101-102	138053	PNP/BC860B/SOT23,BC860B	BC860B
R209 R215-216			
R218-219 R224-230			
R317-318 R326-327			
R329 R335 R337-339			
R347 R367 R439 R448			
R451 R517-518			
R554 R638-641	119333	R0J/1608,0	0
R452	104227	R0J/A,0	0
R540-541 R545	119395	R1.2KJ/1608,1.2K	1.2K
R357 R430	119422	R1.5KJ/1608,1.5K	1.5K
R426	n.a	R1.5KJ/1608,n.a	n.a
R423		R1.5KJ/1608,n.a.	n.a.
R346	119352	R100J/1608,100	100
R366	104235	R100J/A,100	100
R122 R211 R221			
R420-422 R531-534	119369	R100KJ/1608,100K	100K
R183-184 R217 R289			
R316 R320-321			
R324-325 R328			
R330-333 R336			
R352 R355	119345	R10J/1608,10	10
R112-113 R128-129			
R134 R136 R138			
R140-141 R147-148			
R151-152 R161 R163			
R239-245 R250			
R257-274 R286			
R344 R351 R354			
R356 R360-364			
R406 R411 R413 R435	119366	R10KJ/1608,10K	10K
R353		R10KJ/1608,n.a.	n.a.
RM301-304 RM501-502	120089	R10KJ/ARY8Y/SMD/2,10K	10K
R108	119391	R120J/1608,120	120
R119	119400	R12KJ/1608,12K	12K
R116 R203-204 R369	119427	R15KJ/1608,15K	15K
R118 R121 R159-160			
R246 R249 R365			
R403 R407 R519-521			
R539	119361	R1KJ/1608,1K	1K
R214	119372	R1MJ/1608,1M	1M
R101 R104 R109			
R130-131 R404 R409			
R425 R428 R436 R544	119496	R2.2KJ/1608,2.2K	2.2K
R106-107	104281	R2.2KJ/A,2.2K	2.2K
R135 R137 R139			
R142 R252 R542	119526	R2.7KJ/1608,2.7K	2.7K
R143 R145 R149-150			
R162 R251 R253-254			
R275-276 R408	119475	R20KJ/1608,20K	20K
R207-208 R424 R427			
R549-550	119490	R220J/1608,220	220
R535-536	119501	R220KJ/1608,220K	220K
R210 R212-213 R220			



ELECTRICAL PARTS LIST

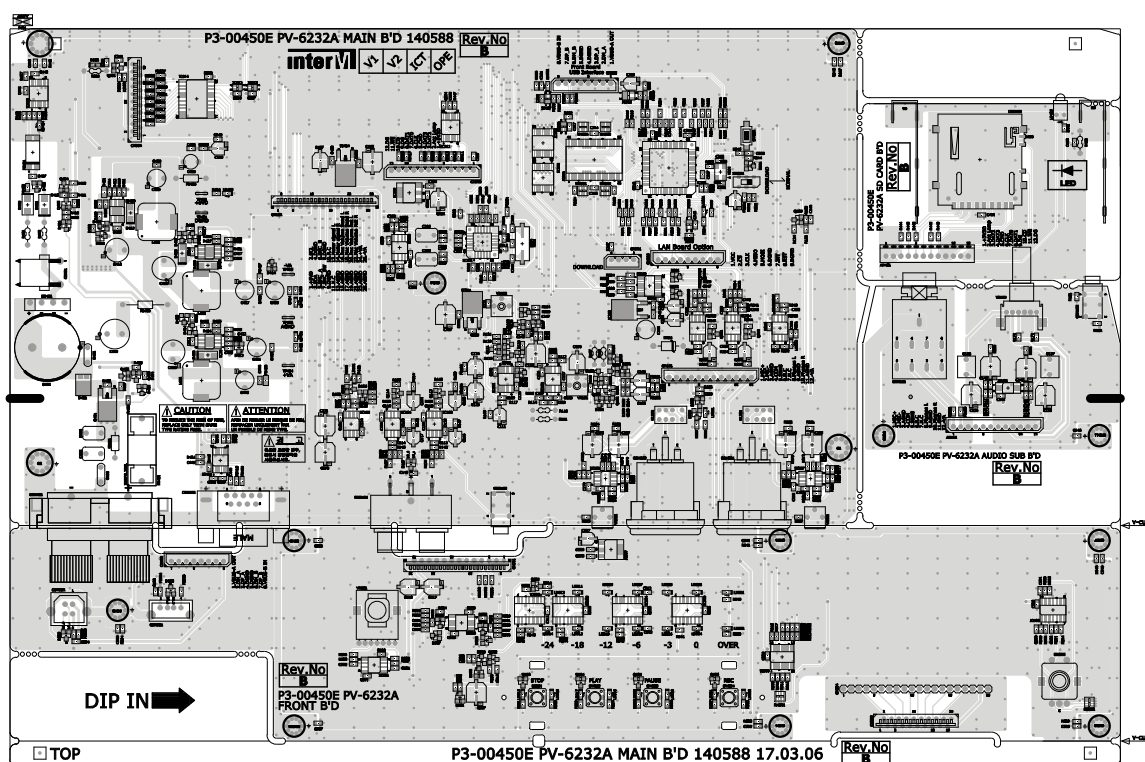
REF	ITEM NO.	DEFINE	VALUE
R222 R301-302 R304-311 R314-315 R319 R322-323 R340 R348 R359 R440 R509-516 R522-524 R548	119486	R22J/1608,22	22
R102-103 R105 R120 R125 R164 R405 R410 R527-528	119498	R22KJ/1608,22K	22K
R156 R441	119522	R270J/1608,270	270
R543	119472	R2KJ/1608,2K	2K
R123-124 R132 R155 R231-238 R285 R412 R432-433 R651-654	119575	R3.3KJ/1608,3.3K	3.3K
R177-178 R281-284	119589	R3.6KJ/1608,3.6K	3.6K
R501-508 R537-538	119569	R330J/1608,330	330
R133 R429	119579	R33KJ/1608,33K	33K
R201-202	119593	R36KJ/1608,36K	36K
R431	119949	R4.3KJ/2012,4.3K	4.3K
R110-111	104332	R4.7KJ/A,4.7K	4.7K
R334	119619	R470J/1608,470	470
R437	119634	R470KJ/1608,470K	470K
R126-127 R223 R287 R303 R525-526 R551-552	119616	R47J/1608,47	47
R114-115 R117 R153-154 R173-176 R181-182 R255-256 R442-447 R553	119629	R47KJ/1608,47K	47K
R247-248 R414-419	119653	R5.1KJ/1608,5.1K	5.1K
R401-402	104340	R5.1KJ/A,5.1K	5.1K
R158	119675	R5.6KJ/1608,5.6K	5.6K
R546-547	119669	R560J/1608,560	560
R157 R529-530	119678	R56KJ/1608,56K	56K
R171-172	119706	R6.8KJ/1608,6.8K	6.8K
R358 R438	119700	R680J/1608,680	680
R277-280	119696	R68J/1608,68	68
R205-206 R288 R368	119746	R8.2KJ/1608,8.2K	8.2K
R434	119742	R820J/1608,820	820
R312-313	119739	R82J/1608,82	82
CON104	111673	RCA/JK50N/02H/RL/111673,RCA02P	RCA02P
D401	136973	SD/V10P10/TO277A,V10P10	V10P10
SW301	112104	SL/SSSS222700,SSSS222700	SSSS222700
D107-108 D508-509	123668	SM712/SOT23,SM712	SM712
CON403	123779	SOCKET/DM1AA,DM1AA	DM1AA
IC301	138296	STM32F205VET6/LQFP100P/2,STM32F205VET6	STM32F205VET6
SW302	124663	TC/ITS-1163,ITS-1163	ITS-1163
DE501 SW502-504	112185	TC/THVV501BAA,THVV501BAA	THVV501BAA
CON401	111590	TER/DC/02H/111590,TERMINAL02P	TERMINAL02P
GND12-13	TP	TP,VALUE	VALUE
TP401-405	106871	TP/TP00325-21/T,TP00325-21/T	TP00325-21/T
CON501	111624	USB04P/102/111624,USB04P	USB04P
CON502	137762	USB04P/BF/137762,USB04P	USB04P
IC201	137556	VS1063A/LQFP48P/2,VS1063A	VS1063A
CON201-202	110896	XLR/M/E503A0130N,XLR/M	XLR/M
D501	119224	ZD/12V/Z02W/SOT23,12V	12V
D402	127303	ZD/15V/Z02W/SOT23,15V	15V
D424	136583	ZD/18V/MMBZ5248B/SOT23,18V	18V
D422	137010	ZD/5.1V/MMBZ5231B/SOT23,5.1V	5.1V
D403 D407 D410	128444	ZD/5.6V/350MW/SOT23,5.6V	5.6V
D204	102766	ZD/6.2V/1N4735A/1W,1N4735A_6.2V	1N4735A_6.2V
D302	118618	ZD/KDZ3.3V/USC,KDZ3.3V	KDZ3.3V



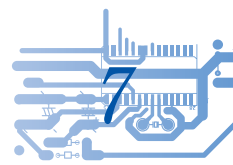
ELECTRICAL PARTS LIST

REF	ITEM NO.	DEFINE	VALUE
WIRING			
	140547	CARD CABLE,FFC,20P,P1.25,250MM,P6	CABLE
	112584	FUSE,20MM,T,1.25A,250V,K/U/CS/J	FUSE
	107989	CON ASS'Y,FL,8P,5264,5264,190MM	CONNECTOR ASS'Y
	136875	CON ASS'Y,12P,5264,5264,26AWG,330mm	CONNECTOR ASS'Y
	140548	TRANS,POWER,EI,220V,AC23.4V,PV/PW	TRANSFORMER(POWER)
	140178	CARD CABLE,FFC,26P,P1.25,240MM,P6	CABLE
	141537	8GB Sd Memory Card,MLC,TYPE,BULK	IC

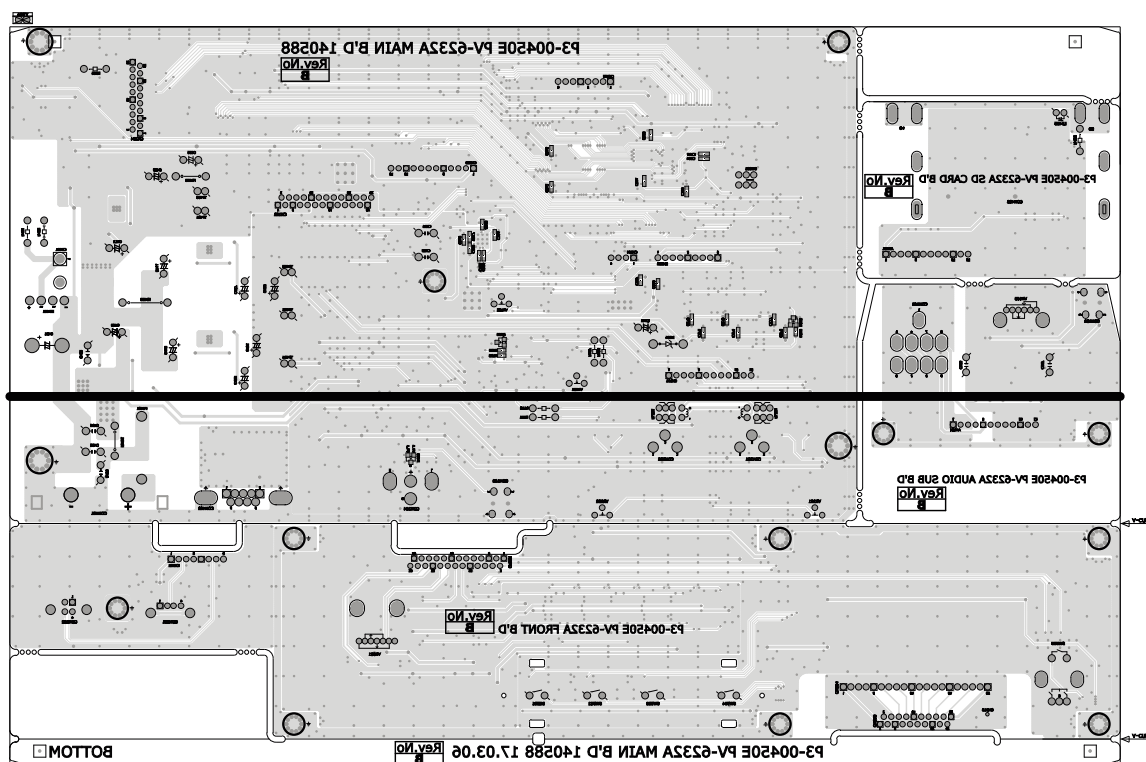
TOP & BOTTOM VIEW OF P.C BOARD



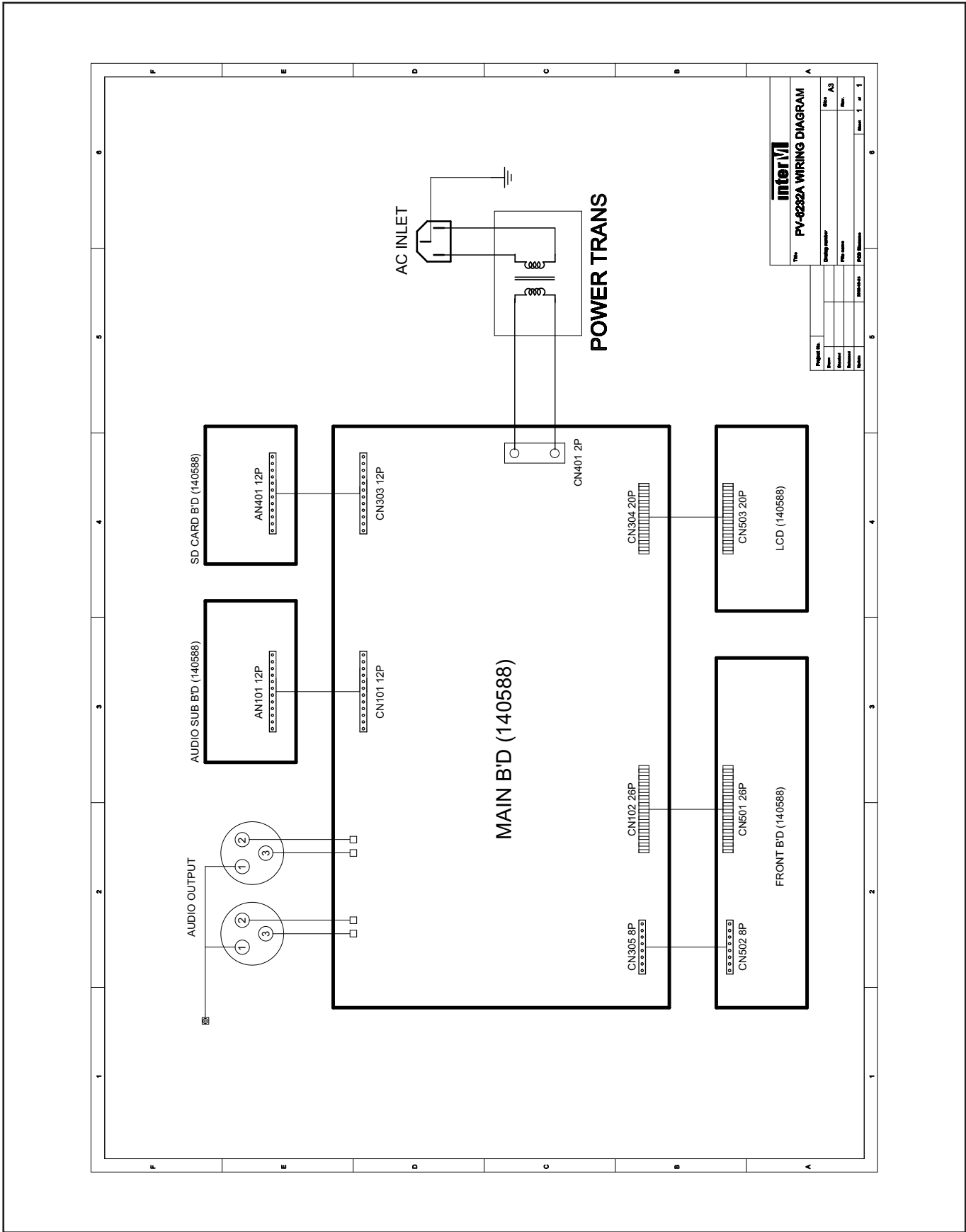
interM	
REVISION HISTORY	
Rev.	Description
1.0	Initial Release
1.1	Change Component Values
1.2	Change Component Values
1.3	Change Component Values
1.4	Change Component Values
1.5	Change Component Values
1.6	Change Component Values
1.7	Change Component Values
1.8	Change Component Values
1.9	Change Component Values
1.10	Change Component Values
1.11	Change Component Values
1.12	Change Component Values
1.13	Change Component Values
1.14	Change Component Values
1.15	Change Component Values
1.16	Change Component Values
1.17	Change Component Values
1.18	Change Component Values
1.19	Change Component Values
1.20	Change Component Values
1.21	Change Component Values
1.22	Change Component Values
1.23	Change Component Values
1.24	Change Component Values
1.25	Change Component Values
1.26	Change Component Values
1.27	Change Component Values
1.28	Change Component Values
1.29	Change Component Values
1.30	Change Component Values
1.31	Change Component Values
1.32	Change Component Values
1.33	Change Component Values
1.34	Change Component Values
1.35	Change Component Values
1.36	Change Component Values
1.37	Change Component Values
1.38	Change Component Values
1.39	Change Component Values
1.40	Change Component Values
1.41	Change Component Values
1.42	Change Component Values
1.43	Change Component Values
1.44	Change Component Values
1.45	Change Component Values
1.46	Change Component Values
1.47	Change Component Values
1.48	Change Component Values
1.49	Change Component Values
1.50	Change Component Values
1.51	Change Component Values
1.52	Change Component Values
1.53	Change Component Values
1.54	Change Component Values
1.55	Change Component Values
1.56	Change Component Values
1.57	Change Component Values
1.58	Change Component Values
1.59	Change Component Values
1.60	Change Component Values
1.61	Change Component Values
1.62	Change Component Values
1.63	Change Component Values
1.64	Change Component Values
1.65	Change Component Values
1.66	Change Component Values
1.67	Change Component Values
1.68	Change Component Values
1.69	Change Component Values
1.70	Change Component Values
1.71	Change Component Values
1.72	Change Component Values
1.73	Change Component Values
1.74	Change Component Values
1.75	Change Component Values
1.76	Change Component Values
1.77	Change Component Values
1.78	Change Component Values
1.79	Change Component Values
1.80	Change Component Values
1.81	Change Component Values
1.82	Change Component Values
1.83	Change Component Values
1.84	Change Component Values
1.85	Change Component Values
1.86	Change Component Values
1.87	Change Component Values
1.88	Change Component Values
1.89	Change Component Values
1.90	Change Component Values
1.91	Change Component Values
1.92	Change Component Values
1.93	Change Component Values
1.94	Change Component Values
1.95	Change Component Values
1.96	Change Component Values
1.97	Change Component Values
1.98	Change Component Values
1.99	Change Component Values
2.00	Change Component Values



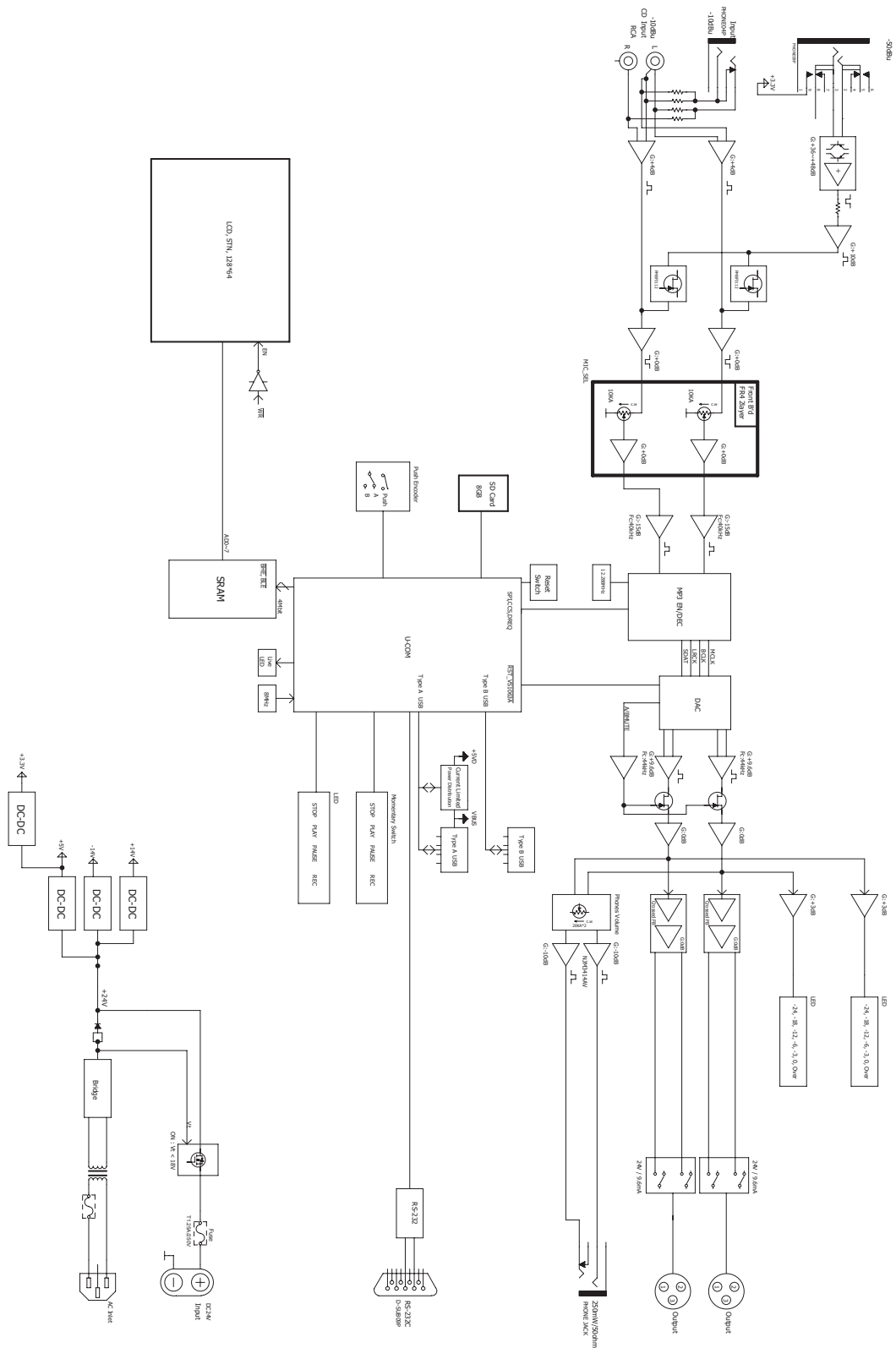
TOP & BOTTOM VIEW OF P.C BOARD

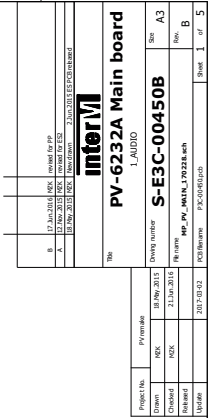


interM THE INTERMEDIATE COMPANY	
REVISION HISTORY	
REV	DESCRIPTION
1.0	INITIAL RELEASE
1.1	REVISION 1.1
1.2	REVISION 1.2
1.3	REVISION 1.3
1.4	REVISION 1.4
1.5	REVISION 1.5
1.6	REVISION 1.6
1.7	REVISION 1.7
1.8	REVISION 1.8
1.9	REVISION 1.9
1.10	REVISION 1.10
1.11	REVISION 1.11
1.12	REVISION 1.12
1.13	REVISION 1.13
1.14	REVISION 1.14
1.15	REVISION 1.15
1.16	REVISION 1.16
1.17	REVISION 1.17
1.18	REVISION 1.18
1.19	REVISION 1.19
1.20	REVISION 1.20
1.21	REVISION 1.21
1.22	REVISION 1.22
1.23	REVISION 1.23
1.24	REVISION 1.24
1.25	REVISION 1.25
1.26	REVISION 1.26
1.27	REVISION 1.27
1.28	REVISION 1.28
1.29	REVISION 1.29
1.30	REVISION 1.30
1.31	REVISION 1.31
1.32	REVISION 1.32
1.33	REVISION 1.33
1.34	REVISION 1.34
1.35	REVISION 1.35
1.36	REVISION 1.36
1.37	REVISION 1.37
1.38	REVISION 1.38
1.39	REVISION 1.39
1.40	REVISION 1.40
1.41	REVISION 1.41
1.42	REVISION 1.42
1.43	REVISION 1.43
1.44	REVISION 1.44
1.45	REVISION 1.45
1.46	REVISION 1.46
1.47	REVISION 1.47
1.48	REVISION 1.48
1.49	REVISION 1.49
1.50	REVISION 1.50
1.51	REVISION 1.51
1.52	REVISION 1.52
1.53	REVISION 1.53
1.54	REVISION 1.54
1.55	REVISION 1.55
1.56	REVISION 1.56
1.57	REVISION 1.57
1.58	REVISION 1.58
1.59	REVISION 1.59
1.60	REVISION 1.60
1.61	REVISION 1.61
1.62	REVISION 1.62
1.63	REVISION 1.63
1.64	REVISION 1.64
1.65	REVISION 1.65
1.66	REVISION 1.66
1.67	REVISION 1.67
1.68	REVISION 1.68
1.69	REVISION 1.69
1.70	REVISION 1.70
1.71	REVISION 1.71
1.72	REVISION 1.72
1.73	REVISION 1.73
1.74	REVISION 1.74
1.75	REVISION 1.75
1.76	REVISION 1.76
1.77	REVISION 1.77
1.78	REVISION 1.78
1.79	REVISION 1.79
1.80	REVISION 1.80
1.81	REVISION 1.81
1.82	REVISION 1.82
1.83	REVISION 1.83
1.84	REVISION 1.84
1.85	REVISION 1.85
1.86	REVISION 1.86
1.87	REVISION 1.87
1.88	REVISION 1.88
1.89	REVISION 1.89
1.90	REVISION 1.90
1.91	REVISION 1.91
1.92	REVISION 1.92
1.93	REVISION 1.93
1.94	REVISION 1.94
1.95	REVISION 1.95
1.96	REVISION 1.96
1.97	REVISION 1.97
1.98	REVISION 1.98
1.99	REVISION 1.99
1.100	REVISION 1.100



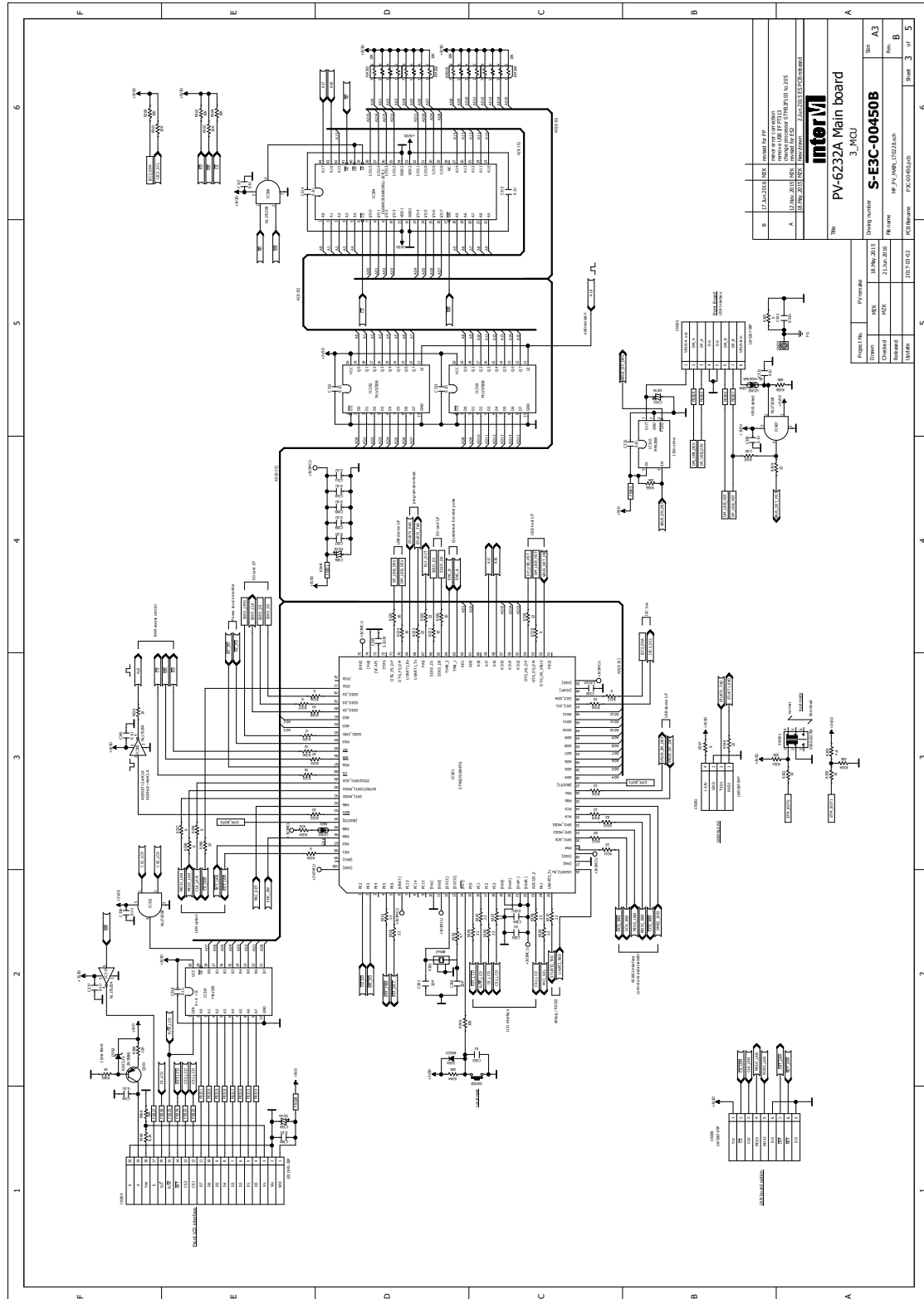
BLOCK DIAGRAM



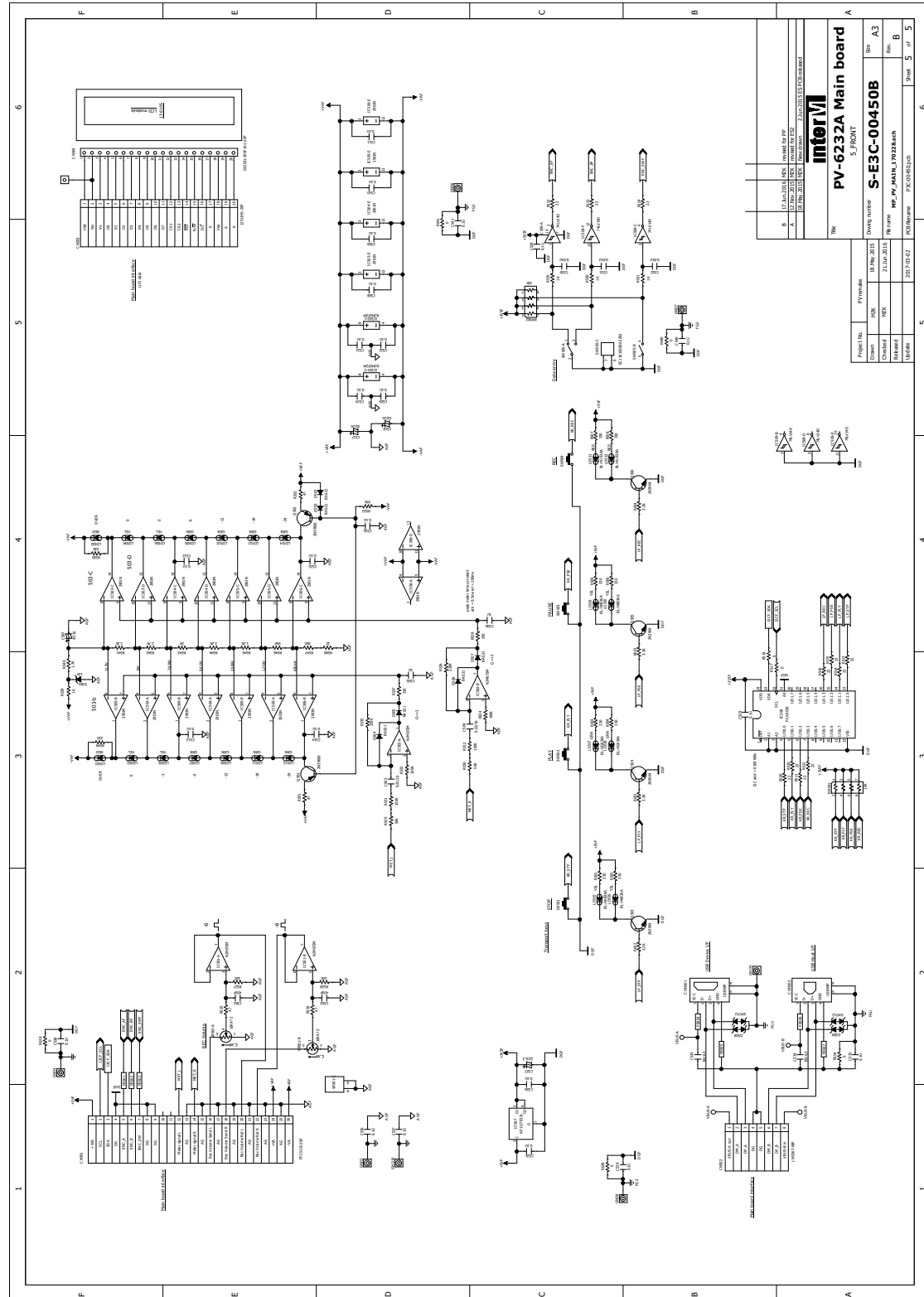




SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM



EXPLODED VIEW OF CABINET & CHASSIS/MECHANICAL PARTS LIST

EXPLODED VIEW OF CABINET & CHASSIS/MECHANICAL PARTS LIST

140343

S1	3BTC 4*8B	114497	4	TOP COVER_4
S2	2BTC 3*8B	114465	20	TOP COVER_2, PANEL BOTTOM_4, MAIN SIDE_4, B'CH_10
				PANEL TOP_3
S4	ASS'Y PM 3*8N	126579	14	FRONT B'D_7, MAIN B'D_5, MIC B'D_2
S5	2FTC 3X8B	114522	5	AC INLET_2 PANEL TOP_3
S6	ASS'Y PM 4*8N	114412	1	GND
S7	BM 4*12B	114297	4	HANDLE
S8	3BTC 4*6B	114494	2	POWER TRANS_2

26	REC SPONGE-2	130567	1
25	REC SPONGE-1	130566	1
24	SPONGE	140745	2
23	VR COVER	140336	1
22	TOP COVER	130179	1
21	AC INLET		1
20	BACK CHASSIS	137936	1
19	FOOT(PA-ALL)	114114	2
18	SDCARD B'D		1
17	POWER TRANS		1
16	MAIN B'D		1
15	MAIN CHASSIS	140338	1
14	FRONT CHASSIS	140339	1
13	FRONT B'D		1
12	DISPLAY WINDOW	140342	1
11	SW COVER	131480	1
10	CTRL KNOB UNDOT	121858	1
9	LEVEL KNOB	124748	1
8	CONTROL KONB	101038	1
7	MIC B'D		1
6	REC KNOB ASS'Y	137939	1
5	KNOB GUIDE	130188	1
4	LED SPONGE	140341	1
3	LED WINDOW	137928	1
2	HANDLE_2U	127710	2
1	FRONT PANEL	2001865	1
NO	PARTS NAME	PARTS NUMBER	Q'TY

