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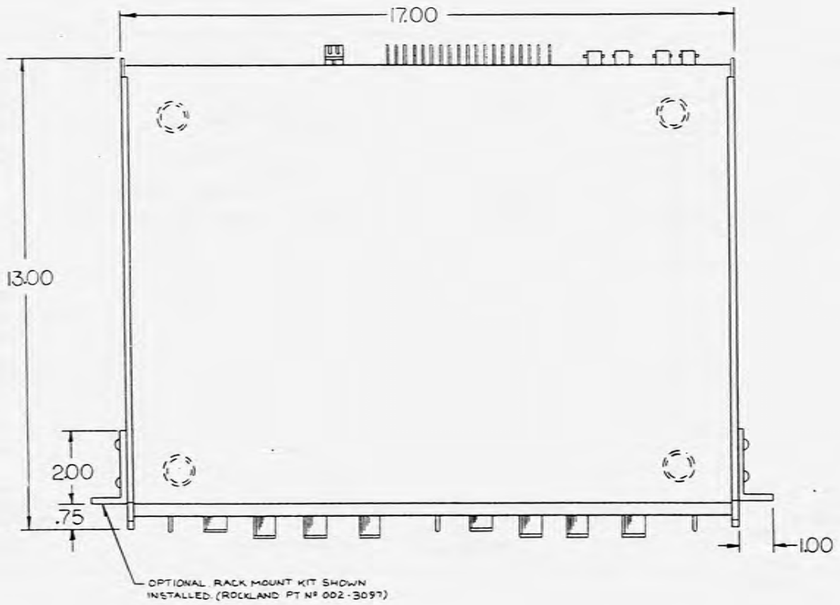
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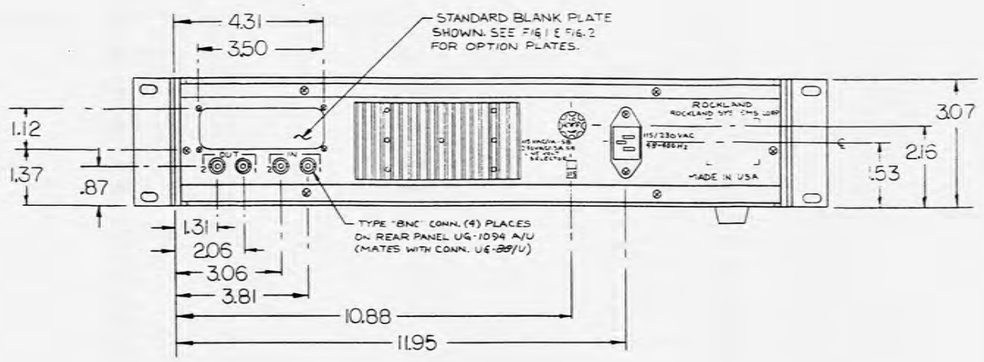
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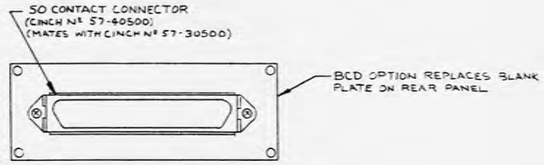
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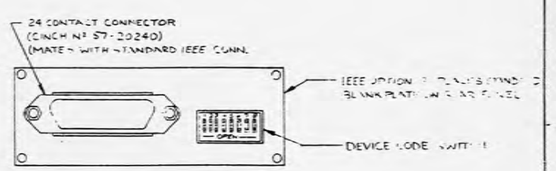
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A	RELEASE			



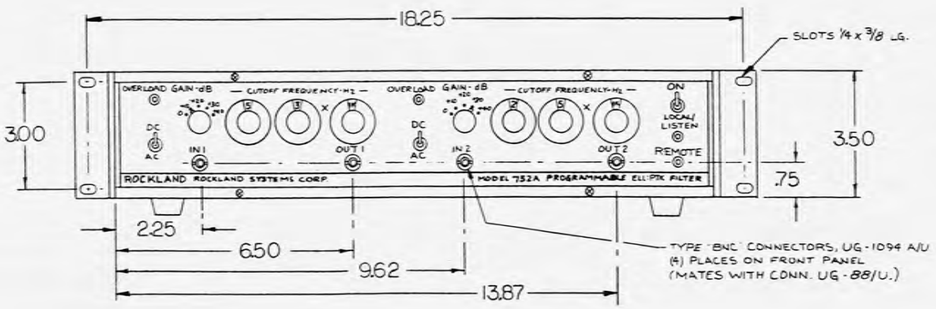


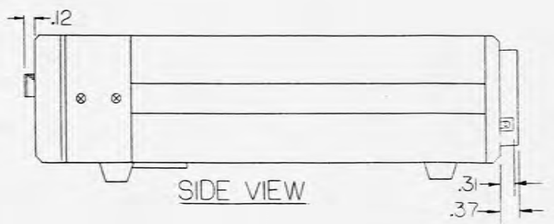


BCD OPTION
FIG.1



IEEE OPTION
FIG.2





SIDE VIEW

DRAWN BY: M. McMINN	DATE 4/16/79	ROCKLAND Rockland Systems Corporation
CHECKED BY:		Confidential property of ROCKLAND SYSTEMS CORP. not to be disclosed to others, reproduced or used for any purpose except as authorized in writing by above.
ENG. APPVL.	4/24/79	
MFG. APPVL.	5/2/79	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005 .XX ± .01 X/x ± 1/64 ∠° ± 1°		TITLE OUTLINE 752A ROCKWELL™ PROGRAMMABLE ELLIPTIC FILTER
		SIZE D DRAWING NO. 00 000 0750 REV A SCALE 1/2 SHEET 1 OF 1

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REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	MAIN SUBASSY: 751 ANAL FILTER			002.0700	1
NONE	BOTTOM COVER ASSY: BLACK			002.3092	1
NONE	OPT-04, RACK MOUNT KIT-FILTER			002.3097	1
NONE	COVER: TOP, BLACK	MPV-40464-14	BUKEY	303.0101	1
NONE	PWR CORD: 3 COND IEC, USA	17250	BELDN	378.4007	1
NONE	INST MANUAL: 751/752/753 1STED			800.0077	1

WAVETEK PARTS LIST	TITLE	ASSEMBLY NO.	REV
	751 ANALOG FILTER	000.0700	C
		PAGE 1	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	MAIN SUBASSY: 753			002.0753	1
NONE	BOTTOM COVER ASSY: BLACK			002.3092	1
NONE	OPT-04, RACK MOUNT KIT-FILTER			002.3097	1
NONE	COVER: TOP, BLACK	MPV-40464-14	BUKEY	303.0101	1
NONE	PWR CORD: 3 COND IEC, USA	17250	BELDN	378.4007	1
NONE	INST MANUAL: 753			800.0073	1

WAVETEK PARTS LIST	TITLE	ASSEMBLY NO.	REV
	753 ANALOG FILTER	000.0753	C
		PAGE 1	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	MAIN SUBASSY: 752 ANAL FILTER			002.0750	1
NONE	BOTTOM COVER ASSY: BLACK			002.3092	1
NONE	OPT-04, RACK MOUNT KIT-FILTER			002.3097	1
NONE	COVER: TOP, BLACK	MPV-40464-14	BUKEY	303.0101	1
NONE	PWR CORD: 3 COND IEC, USA	17250	BELDN	378.4007	1
NONE	INST MANUAL: 752 1ST ED			800.0071	1

WAVETEK PARTS LIST	TITLE	ASSEMBLY NO.	REV
	752 ANALOG FILTER	000.0750	C
		PAGE 1	

NOTE: UNLESS OTHERWISE SPECIFIED

WAVETEK SAN DIEGO • CALIFORNIA

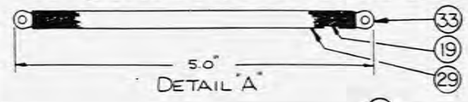
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751A, 752A & 753A	751	000.0700	C
	752	000.0750	
	753	000.0753	
	CODE IDENT 23338	SHEET 1 OF	

BISHOP GRAPHICS/ACCUPRESS REORDER NO. A2708

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LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
A	RELEASED			3-2-79
B	1074	JB 12-6-79		
C	1111	SAM 4-17-8		
D	1441	JP 3-8-83		

ITEM #19 - ¼" BRAID GROUND STRAP. CONNECTED ON BOTTOM SHELF OF CARD CAGE TO BOTTOM LUG OF POWER SUPPLY COVER. COVER ENTIRE LENGTH OF STRAP WITH HEAT SHRINK TUBING, ITEM #29. NOTE: DO NOT HEAT THE SHRINK TUBING.



DETAIL "A"

SECTION "A-A"

NOTE:
THIS PLATE IS BENT TO A 90° ANGLE & IS INSTALLED AT TEST. IT IS MOVED FROM SIDE TO SIDE TO ASSURE THE BEST READING & IS ATTACHED WITH CONTACT CEMENT. IT IS MOUNTED ON THE POWER SUPPLY SHIELD AND UNDER THE CARD CAGE.

WIRING CHART

FROM FRONT PANEL	TO REAR PANEL	WIRE COLOR/TYPE	LENGTH (REF.)
J1-IN 1	J5-IN 1	COAX-RG 174	30"
J2-OUT 1	J6-OUT 1	GRN. & BLU. TWISTED PAIR	30"
J3-IN 2	J7-IN 2	COAX-RG 174	30"
J4-OUT 2	J8-OUT 2	GRN. & BLU. TWISTED PAIR	30"
S11-LUG 2	F1-OUTER LUG	BLK. } SHIELDED CABLE	30"
S11 LUG 3	T1-LUG 1	WHT. } SHIELDED CABLE	
	MAINBOARD #1 (A)		
J1-2 & S1-2	J9A-IN	COAX RG 174, MOLEX CONN.	11"
J2-OUT 1	J12A-OUT	BLK & ORN. TWISTED PAIR	11"
P10A (S1 SIDE)	J10A	26 CONDUCTOR CABLE	20"
P11A (POWER SUPPLY)	J11A	8 POSITION MOLEX (6 USED)	35"
	MAINBOARD #2 (B)		
J3-2 & S6-2	J9B-IN	COAX RG 174, MOLEX CONN.	11"
J4-OUT 2	J12B-OUT	BLK & ORN. TWISTED PAIR	11"
P10B (S11 SIDE)	J10B	26 CONDUCTOR CABLE	20"
P11B (POWER SUPPLY)	J11B	8 POSITION MOLEX (6 USED)	35"

FOR STANDARD 752, SEE "B" SIZE CABLING DWG NO. 04-002-0750, SHEET 1.
FOR BCD OPTION, SEE "B" SIZE CABLING DWG NO. 04-002-0750, SHEET 2.
FOR IEEE OPTION, SEE "B" SIZE CABLING DWG NO. 04-002-0750, SHEET 3.

SHEET #2 IS AN "A" SIZE L/M.

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MFG. APPVL: Lewis A Tarr	9/21/79	

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TITLE: 752A MAINFRAME ASSEMBLY

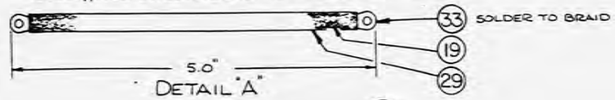
SIZE	DRAWING NO.	REV
D	02-002-0750	D

SCALE FULL | SHEET 1 OF 2

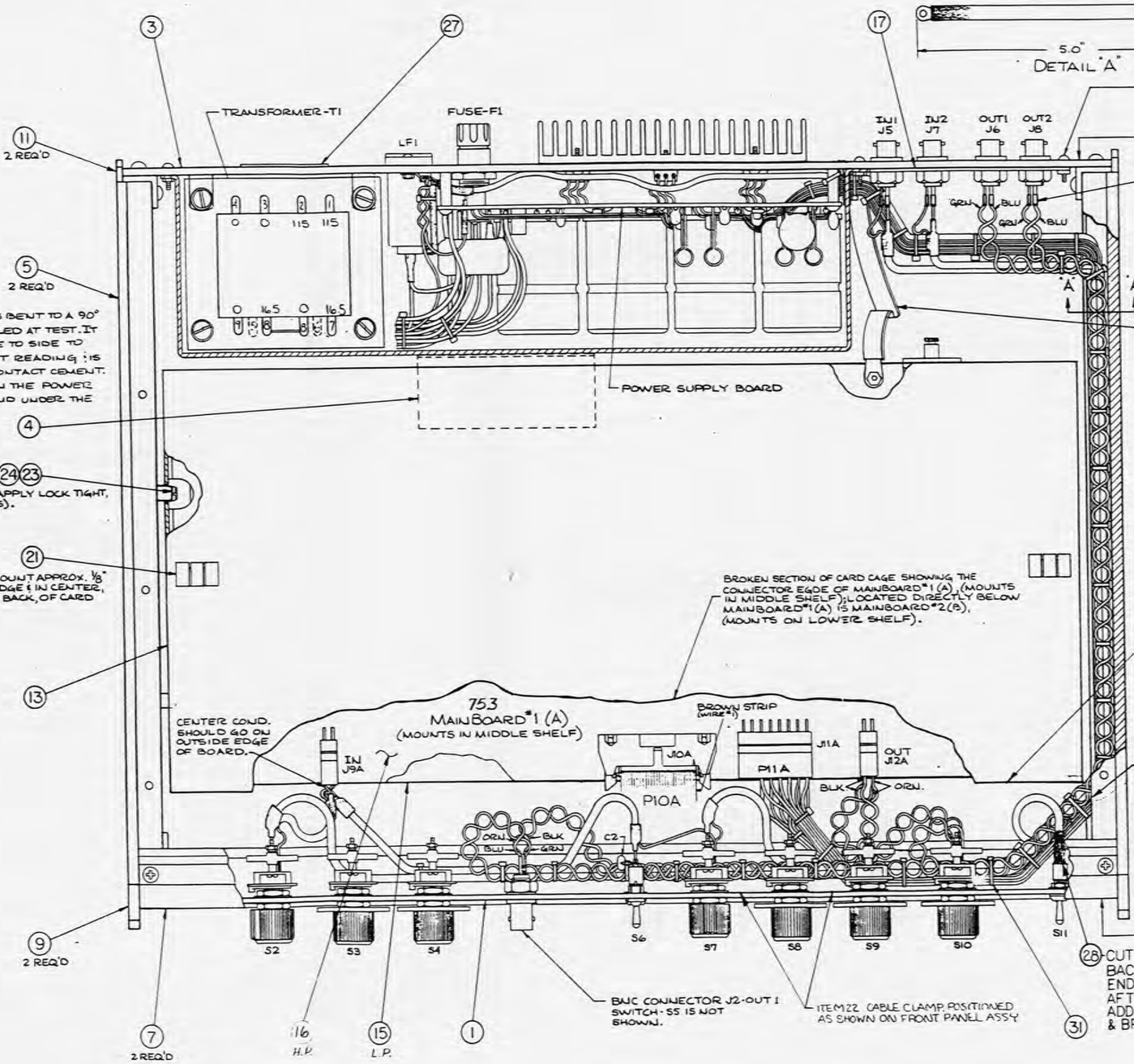
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LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
A	RELEASED		[illegible]	3-2-79
B	[illegible]	JB 2-1-83	[illegible]	4-3-83

ITEM "19 - ¼" BRAID GROUND STRAP. CONNECTED ON BOTTOM SHELF OF CARD CAGE TO BOTTOM LUG OF POWER SUPPLY COVER. COVER ENTIRE LENGTH OF STRAP WITH HEAT SHRINK TUBING, ITEM "29. NOTE: DO NOT HEAT THE SHRINK TUBING.



DETAIL "A"



WIRING CHART

FROM	TO	WIRE COLOR/TYPE	LENGTH (REF.)
FRONT PANEL	REAR PANEL		
J1-IN 1	J5-IN 1	COAX-RG 174	30"
J2-OUT 1	J6-OUT 1	GRN. & BLU. TWISTED PAIR	30"
J3-IN 2	J7-IN 2	COAX-RG 174	30"
J4-OUT 2	J8-OUT 2	GRN. & BLU. TWISTED PAIR	30"
S11 - LUG 2	F1-OUTER LUG	BLK. WHT. } SHIELDED CABLE	30"
S11 LUG 3	T1-LUG 1		
	MAINBOARD #1 (A)	H.P.	
J1-IN 1	J9A-IN	COAX RG 174, MOLEX CONN.	11"
J2-OUT 1	J12A-OUT	BLK. & ORN. TWISTED PAIR	11"
P10A (J1 SIDE)	J10A	26 CONDUCTOR CABLE	20"
P11A (POWER SUPPLY)	J11A	8 POSITION MOLEX (6 USED)	35"
	MAINBOARD #2 (B)	L.P.	
J3-2 & S6-2	J9B-IN	COAX RG 174, MOLEX CONN.	11"
J4-OUT 2	J12B-OUT	BLK. & ORN. TWISTED PAIR	11"
P10B (S11 SIDE)	J10B	26 CONDUCTOR CABLE	20"
P11B (POWER SUPPLY)	J11B	8 POSITION MOLEX (6 USED)	35"

FOR STANDARD 753, SEE "B" SIZE CABLING DWG. NO. 04-002-0753, SHEET 1.
FOR BCD OPTION, SEE "B" SIZE CABLING DWG. NO. 04-002-0753, SHEET 2.
FOR IEEE OPTION, SEE "B" SIZE CABLING DWG. NO. 04-002-0753, SHEET 3.

SHEET #2 IS AN "A" SIZE L/M.

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ENG. APPVL: [illegible]	[illegible]	
MFG. APPVL: [illegible]	[illegible]	TITLE: 753A MAINFRAME ASSEMBLY
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005, .XX ± .01, X/X ± 1/64, ∠° ± 1°		SIZE D; DRAWING NO. 02-002-0753; REV B; SCALE FULL; SHEET 1 OF 2

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REV	ECN	BY	DATE	APP

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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	PANEL ASSEMBLY FRONT 751			001.0700	1
NONE	PANEL ASSY: REAR, 751/752			002.0785	1
NONE	MAINBOARD ASSY 751-LP			004.0755	1
NONE	MAINBOARD ASSY 751-HP			004.0760	1
NONE	SUPER KIT	2500-0751-01	WVTK	2500-0751-01	1
NONE	SIDE FRAME	MP40375	BUKEY	303.0500	2
NONE	CARD CAGE 751/752			303.0510	1
NONE	TRIM: FRONT SHORT	MP40282-1	BUKEY	303.0901	2
NONE	TRIM: REAR	MP40281-1	BUKEY	303.0902	2
NONE	CONN PLATE BLANKING: (751/752)			303.0910	1
NONE	SPRING: FORMED "IM" MOD 3/4"			304.0859	2
NONE	TRIM: FRONT TOP SUPR/SNUB 512	MP40318-4	BUKEY	307.0914	2
NONE	LUG: SOLDER ANGLED #6	1416-6	SMITH	359.0006	1
NONE	CLAMP: CABLE FLAT	FCC163	RICH	362.1606	2

WAVETEK PARTS LIST | TITLE: MAIN SUBASSY: 751 ANAL FILTER | ASSEMBLY NO. 002.0700 | REV D | PAGE 1

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	GROMMET STRIP: SOLID, .050	GS2ACP	ELECT	366.1803	3.6
NONE	SHIELD: MU-METAL 3X3X.020			376.1503	1
NONE	SPCR: NY 1/4D X 1/4L X.140ID	13SP041	MICRO	376.2110	4
NONE	TIE: CABLE NY NAT 3/4 MAX DIA	SST-1-M	PANDT	377.4001	15
NONE	BRAID: TINNED COPPER 1/4" DIA			378.3250	.5
NONE	SHRINK TBG PLYFIN BLACK 1/8"			378.5520	.5
NONE	SHRINK TBG PLYFIN BLACK 1/4"			378.5540	.45
NONE	M SCR: ST CD PH 4-40 X 3/8 PH			381.4062	4
NONE	M SCR: ST CD PHP 6-32 X 1/2 BH			381.6081	6
NONE	ADHESIVE: PASTE, CLEAR (RTV)			500.2001	.1

WAVETEK PARTS LIST | TITLE: MAIN SUBASSY: 751 ANAL FILTER | ASSEMBLY NO. 002.0700 | REV D | PAGE 2

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	PANEL ASSEMBLY FRONT 752			001.0750	1
NONE	PANEL ASSY: REAR, 751/752			002.0785	1
NONE	MAINBOARD ASSY 752 (L-P/FB)			004.0750	2
NONE	LABEL, SERIAL NUMBER/FILTERS & SYNTHESIZERS	FSS-8660	WVTK	1400-01-8660	1
NONE	SIDE FRAME	MP40375	BUKEY	303.0500	2
NONE	CARD CAGE 751/752			303.0510	1
NONE	TRIM: FRONT SHORT	MP40282-1	BUKEY	303.0901	2
NONE	TRIM: REAR	MP40281-1	BUKEY	303.0902	2
NONE	CONN PLATE BLANKING: (751/752)			303.0910	1
NONE	SPRING: FORMED "IM" MOD 3/4"			304.0859	2
NONE	TRIM: FRONT TOP SUPR/SNUB 512	MP40318-4	BUKEY	307.0914	2
NONE	LUG: SOLDER ANGLED #6	1416-6	SMITH	359.0006	2
NONE	CLAMP: CABLE FLAT	FCC163	RICH	362.1606	2

WAVETEK PARTS LIST | TITLE: MAIN SUBASSY: 752 ANAL FILTER | ASSEMBLY NO. 002.0750 | REV D | PAGE 1

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	GROMMET STRIP: SOLID, .050	GS2ACP	ELECT	366.1803	3.3
NONE	SHIELD: MU-METAL 3X3X.020			376.1503	1
NONE	SPCR: NY 1/4D X 1/4L X.140ID	13SP041	MICRO	376.2110	4
NONE	TIE: CABLE NY NAT 3/4 MAX DIA	SST-1-M	PANDT	377.4001	15
NONE	BRAID: TINNED COPPER 1/4" DIA			378.3250	.5
NONE	SHRINK TBG PLYFIN BLACK 1/8"			378.5520	.5
NONE	SHRINK TBG PLYFIN BLACK 1/4"			378.5540	.4
NONE	M SCR: ST CD PH 4-40 X 3/8 PH			381.4062	4
NONE	M SCR: ST CD PHP 6-32 X 1/2 BH			381.6081	4
NONE	ADHESIVE: PASTE, CLEAR (RTV)			500.2001	.1

WAVETEK PARTS LIST | TITLE: MAIN SUBASSY: 752 ANAL FILTER | ASSEMBLY NO. 002.0750 | REV D | PAGE 2

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	PANEL ASSEMBLY FRONT 753			001.0753	1
NONE	PANEL ASSY: REAR, 751/752			002.0785	1
NONE	MAINBOARD ASSY 752 (L-P/FB)			004.0750	1
NONE	MAINBOARD ASSY 753 (H-P/FB)			004.0753	1
NONE	LABEL, SERIAL NUMBER/FILTERS & SYNTHESIZERS	FSS-8660	WVTK	1400-01-8660	1
NONE	SIDE FRAME	MP40375	BUKEY	303.0500	2
NONE	CARD CAGE 751/752			303.0510	1
NONE	TRIM: FRONT SHORT	MP40282-1	BUKEY	303.0901	2
NONE	TRIM: REAR	MP40281-1	BUKEY	303.0902	2
NONE	CONN PLATE BLANKING: (751/752)			303.0910	1
NONE	SPRING: FORMED "IM" MOD 3/4"			304.0859	2
NONE	TRIM: FRONT TOP SUPR/SNUB 512	MP40318-4	BUKEY	307.0914	2

WAVETEK PARTS LIST | TITLE: MAIN SUBASSY: 753 | ASSEMBLY NO. 002.0753 | REV B | PAGE 1

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	LUG: SOLDER ANGLED #6	1416-6	SMITH	359.0006	2
NONE	CLAMP: CABLE FLAT	FCC163	RICH	362.1606	2
NONE	GROMMET STRIP: SOLID, .050	GS2ACP	ELECT	366.1803	42
NONE	SHIELD: MU-METAL 3X3X.020			376.1503	1
NONE	SPCR: NY 1/4D X 1/4L X.140ID	13SP041	MICRO	376.2110	4
NONE	TIE: CABLE NY NAT 3/4 MAX DIA	SST-1-M	PANDT	377.4001	15
NONE	BRAID: TINNED COPPER 1/4" DIA			378.3250	5
NONE	SHRINK TBG PLYFIN BLACK 1/8"			378.5520	5
NONE	SHRINK TBG PLYFIN BLACK 1/4"			378.5540	4.5000
NONE	M SCR: ST CD PH 4-40 X 3/8 PH			381.4062	4
NONE	M SCR: ST CD PHP 6-32 X 1/2 BH			381.6081	4
NONE	ADHESIVE: PASTE, CLEAR (RTV)			500.2001	0

WAVETEK PARTS LIST | TITLE: MAIN SUBASSY: 753 | ASSEMBLY NO. 002.0753 | REV B | PAGE 2

NOTE: UNLESS OTHERWISE SPECIFIED

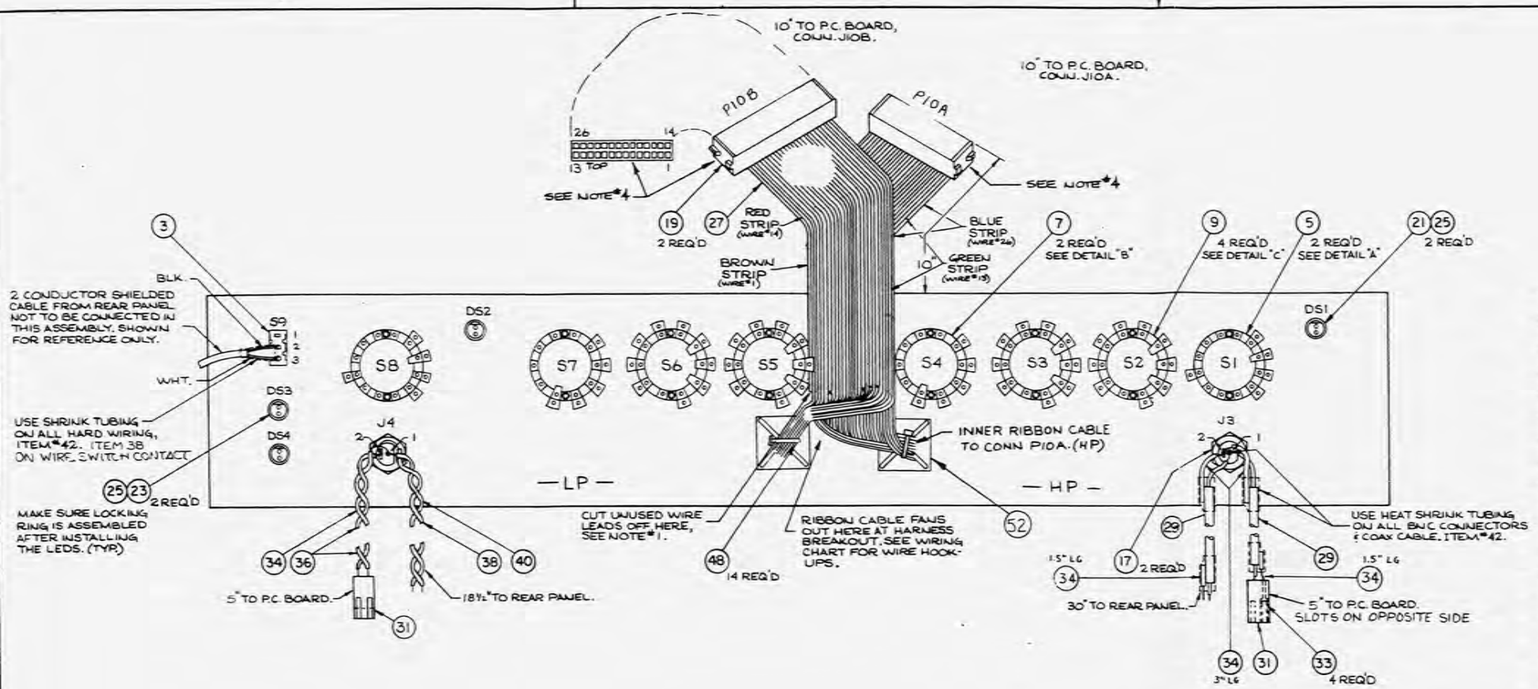
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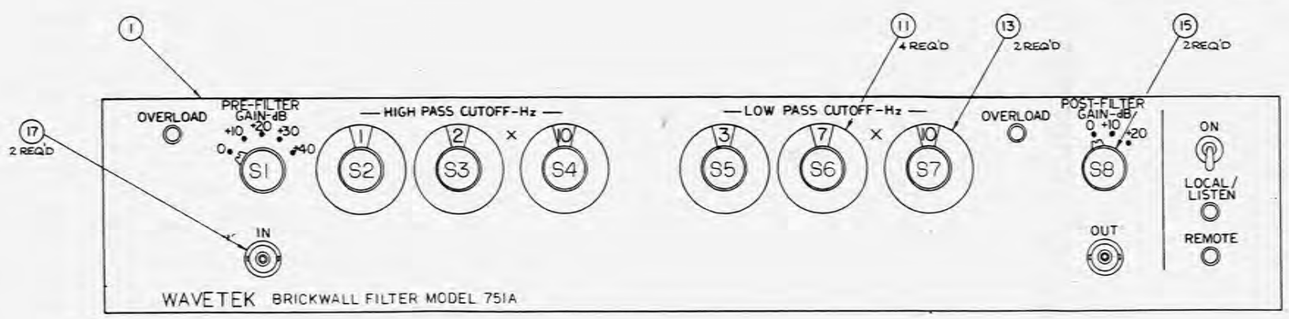
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PARTS LIST MAIN SUBASSEMBLY	751	002.0700	D
	752	002.0750	D
	753	002.0753	B
	CODE IDENT 23338	SHEET 1 OF 1	

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LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
A	RELEASE			
B	1071	T.H. 8-7-79	LAT	8/9/79
C	1082	JB 12-10-79	LAT	12/17/79
D	1107	JB(1) 4-17-80	LAT	4/23/80
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F	1894	M. McMINN		9/21/84
G	2023			7/2/91

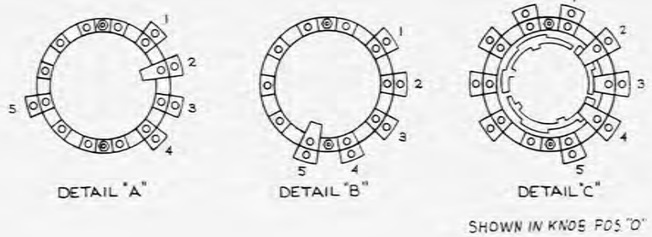


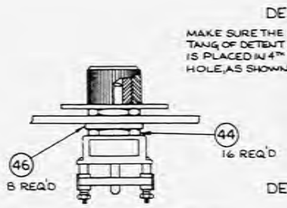


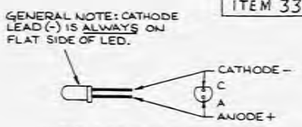
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FROM	TO	COLOR	LG.	ITEM	FROM	TO	COLOR	LG.	ITEM
S2-4	S1-2	ORN.	4"	36	S6-4	S5-4	ORN.	4"	36
S3-4	S2-4	ORN.	3"	36	S7-5	S6-4	ORN.	4"	36
S4-5	S3-4	ORN.	4"	36	S8-2	S7-5	ORN.	5"	36
P10A-11	S1-5	BRN.	20"	27	DS3-A	DS4-A	RED	1½"	50
P10A-10	S1-1	WHT.	↓	↓	P10B-22	S5-1	GRY.	20"	27
P10A-9	S1-3	VIO.			P10B-21	S5-5	BLU.	↓	↓
P10A-22	S2-1	GRY.			P10B-20	S5-2	YEL.		
P10A-21	S2-5	BLU.			P10B-19	S5-3	RED		
P10A-20	S2-2	YEL.			P10B-18	S6-1	BLK.		
P10A-19	S2-3	RED			P10B-17	S6-5	GRY.		
P10A-18	S3-1	BLK.			P10B-16	S6-2	BLU.		
P10A-17	S3-5	GRY.			P10B-15	S6-3	YEL.		
P10A-16	S3-2	BLU.			P10B-26	S7-1	BLU.		
P10A-15	S3-3	YEL.			P10B-25	S7-2	YEL.		
P10A-26	S4-1	BLU.			P10B-24	S7-3	RED		
P10A-25	S4-2	YEL.			P10B-23	S7-4	BLK.		
P10A-24	S4-3	RED			P10B-5+6	S8-2	WHT+BRN		
P10A-23	S4-4	BLK.			P10B-7	S8-3	ORN.		
P10A-5+6	S4-5	WHT+BRN			P10B-8	S8-1	GRN.		
P10A-13	DS1-C	GRN.			P10B-12	DS2-A	ORN.		
P10A-12	DS1-A	ORN.			P10B-13	DS2-C	GRN.		
P10A-2	SEE NOTE #1	ORN.			P10B-14	DS3-A	RED		
P10A-1		BRN.			P10B-3	DS3-C	GRN.		
P10A-3		GRN.			P10B-2	DS4-C	ORN.		
P10A-4		VIO.			P10B-1	SEE NOTE #1	BRN.		
P10A-7		ORN.			P10B-4		VIO.		
P10A-8		GRN.	↑	↑	P10B-9		VIO.		
P10A-14		RED	20"	27	P10B-10		WHT.	↑	↑
J3-1	SEE NOTE #2	COAX RG174	5"	29	P10B-11		BRN.	20"	27
J3-2		BLK.	3"	34	J4-1	SEE NOTE #2	ORN.	5"	36
J3-1		COAX RG174	30"	29	J4-2		BLK.	5"	34
J3-2		BLK.	3"	34	J4-1		BLU.	18"	40
ITEM 29	REAR PNL	BLK.	1.5"	34	J4-2		GRN.	18"	38
ITEM 33	ITEM 29	BLK.	1.5"	34					

SHOULD BE DONE FIRST

SHOULD BE DONE FIRST







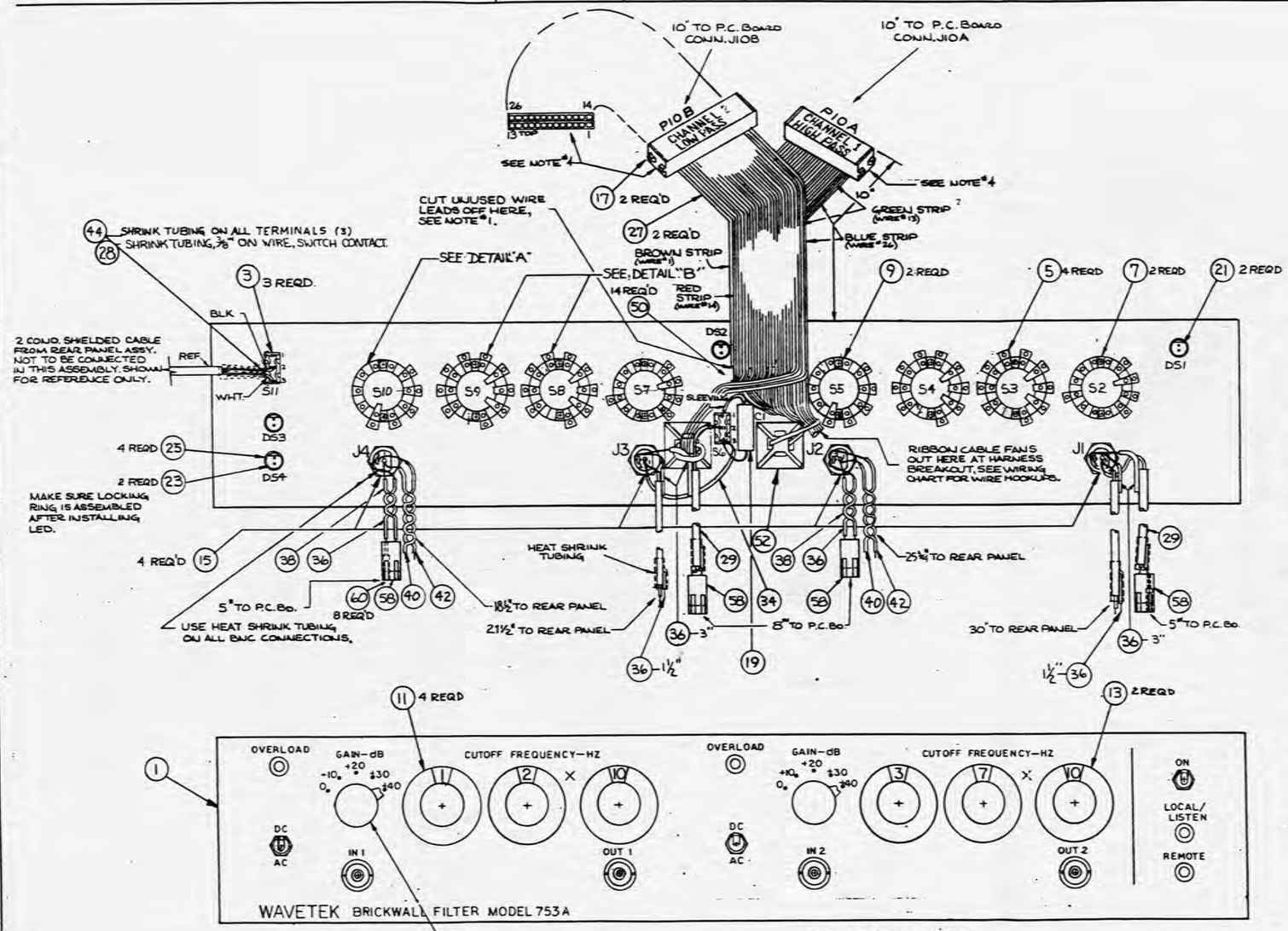
NOTES:
1- THESE WIRE LEADS ARE TO BE LEFT UNTERMINATED AND CUT OFF AS CLOSE AS POSSIBLE TO THE HARNESS BREAKOUT OF THE RIBBON CABLE.
2- WIRING TO BE COMPLETED IN NEXT ASSEMBLY LEVEL, (MAIN FRAME ASSEMBLY).
3- FINAL WIRE LENGTHS WILL BE DETERMINED IN PILOT RUN.
4- MARK CONNECTOR DESIGNATION (P10A OR P10B) ON TOP SIDE OF CONNECTOR.
SHEETS 2 & 3 ARE 'A' SIZE L/M.

DRAWN BY: JB.	DATE 01-05-79	ROCKLAND Rockland Systems Corporation
CHECKED BY:		Confidential property of ROCKLAND SYSTEMS CORP. not to be disclosed to others, reproduced or used for any purpose except as authorized in writing by above.
ENG. APPVL. LAT	5/7/79	
MFG. APPVL.		TITLE 751A FRONT PANEL ASSEMBLY
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005, .XX ± .01, X/x ± 1/64, ∠° ± 1°		SIZE D DRAWING NO. 02-001-0700 REV G; SCALE 1:1 SHEET 1 OF 3

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LTR	ECO NO.	CHANGED BY	APPVD BY	DATE



WIRING CHART

FROM	TO	COLOR	LENGTH	ITEM NO.	FROM	TO	COLOR	LENGTH	ITEM NO.
					S7-2	S8-4	ORN.	4"	38
S5-5	S4-4	ORN.	4"	38	S8-4	S9-4	ORN.	3"	38
S4-4	S3-4	ORN.	3"	38	S9-4	S10-5	ORN.	4"	38
S3-4	S2-2	ORN.	4"	38	DS4-A	DS3-A	RED	1.5"	54
P10A-11	S2-5	BRN.	20"	27	P10B-11	S7-5	BRN.	20"	27
P10A-10	S2-1	WHT.	↑	↑	P10B-10	S7-1	WHT.	↑	↑
P10A-9	S2-3	VIO.			P10B-9	S7-3	VIO.		
P10A-22	S3-1	GRY.			P10B-22	S8-1	GRY.		
P10A-21	S3-5	BLU.			P10B-21	S8-5	BLU.		
P10A-20	S3-2	YEL.			P10B-20	S8-2	YEL.		
P10A-19	S3-3	RED			P10B-19	S8-3	RED		
P10A-18	S4-1	BLK.			P10B-18	S9-1	BLK.		
P10A-17	S4-5	GRY.			P10B-17	S9-5	GRY.		
P10A-16	S4-2	BLU.			P10B-16	S9-2	BLU.		
P10A-15	S4-3	YEL.			P10B-15	S9-3	YEL.		
P10A-26	S5-1	BLU.			P10B-26	S10-1	BLU.		
P10A-25	S5-2	YEL.			P10B-25	S10-2	YEL.		
P10A-24	S5-3	RED			P10B-24	S10-3	RED		
P10A-23	S5-4	BLK.			P10B-23	S10-4	BLK.		
P10A-5+6	S5-5	WHT-BRN			P10B-5+6	S10-5	WHT-BRN		
P10A-12	DS1-A	ORN.			P10B-12	DS2-A	ORN.		
P10A-13	DS1-C	GRN.			P10B-13	DS2-C	GRN.		
P10A-2	SEE NOTE #1	ORN.			P10B-14	DS4-A	RED		
P10A-1		BRN.			P10B-3	DS3-C	GRN.		
P10A-3		GRN.			P10B-2	DS4-C	ORN.		
P10A-4		VIO.			P10B-1	SEE NOTE #1	BRN.		
P10A-7		ORN.			P10B-4		VIO.		
P10A-8		GRN.	↓	↓	P10B-7		ORN.	↓	↓
P10A-14		RED	20"	27	P10B-8		GRN.	20"	27
REAR PANEL COAX GND		BLK	1.5	36					
		BLK	1.5	36					
	C1				S6-1	C2			
	C1				S6-3	C2			
	J1-1				S6-3	J3-1	WHT	3"	34
J1-1	SEE NOTE #2	RG174	5"	29	S6-2		RG174	8"	29
J1-1		RG174	30"	29	J3-1		RG174	30"	29
J1-2		BLK	3"	36	J3-2		BLK	3"	36
J1-2		BLK	3"	36	J3-2	SEE NOTE #2	BLK	3"	36
J2-1		ORN	8"	38	J4-1		ORN	5"	38
J2-1		BLU	25⅜"	42	J4-1		BLU	18½"	42
J2-2		BLK	8"	36	J4-2		BLK	5"	36
J2-2		GRN	25¾"	40	J4-2		GRN	18½"	40

NOTES:
1- THESE WIRE LEADS ARE TO BE LEFT UNTERMINATED AND CUT OFF AS CLOSE AS POSSIBLE TO THE HARNESS BREAKOUT OF THE RIBBON CABLE.
2- WIRING TO BE COMPLETED IN NEXT ASSEMBLY LEVEL, (MAIN FRAME ASSEMBLY).
3- FINAL WIRE LENGTHS WILL BE DETERMINED IN PILOT RUN.
4- MARK CONNECTOR DESIGNATION (P10A OR P10B) ON TOP SIDE OF CONNECTOR.
SHEETS 2 & 3 ARE A SIZE L/M.

DRAWN BY: M. McMINN — DATE 9/28/78
CHECKED BY:
ENG. APPVL.
MFR. APPVL.
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005, .XX ± .01, FRACTIONS ± 1/64, ANGLES ± 1°

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Rockland Systems Corporation

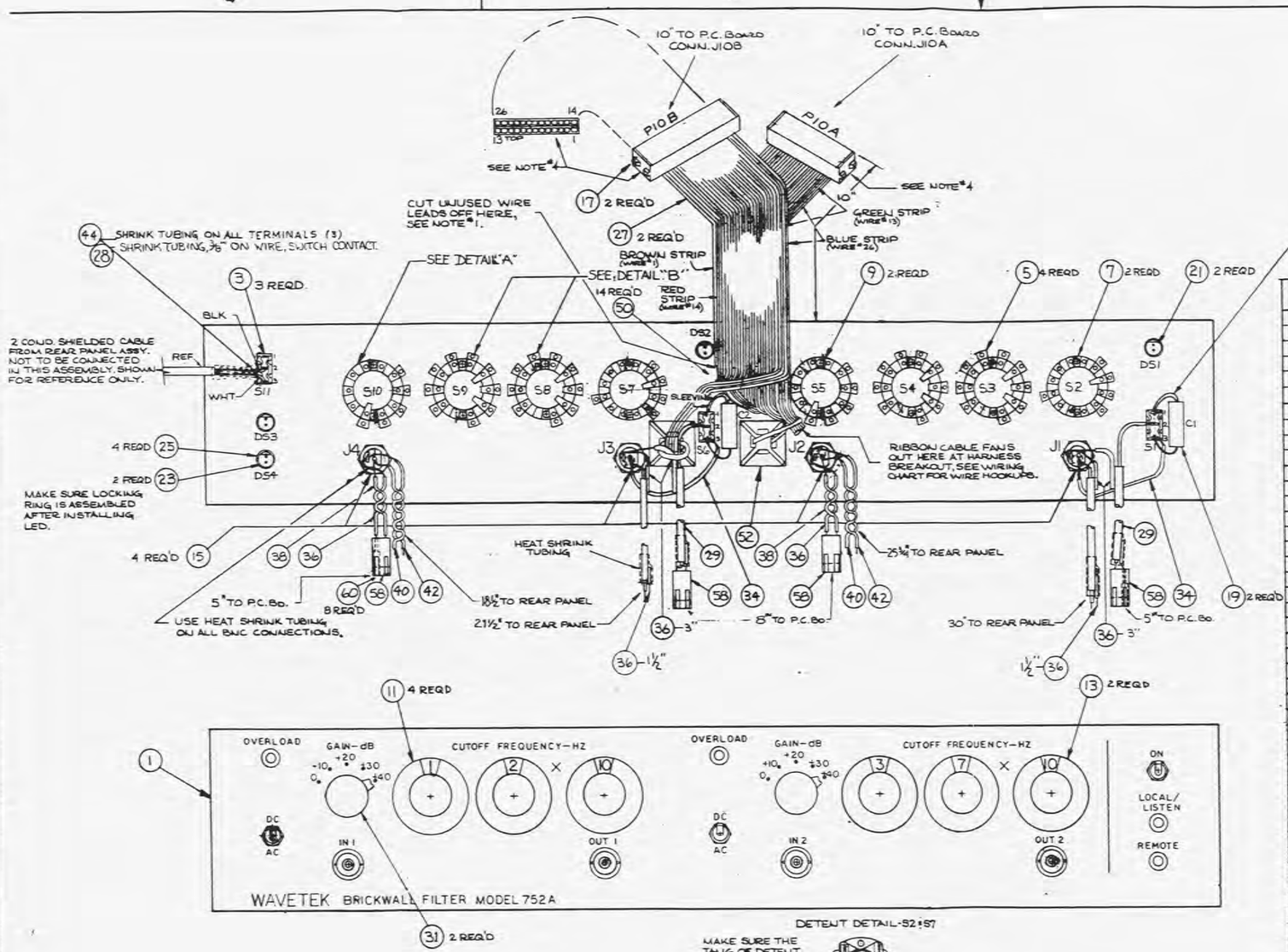
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TITLE: 753 A FRONT PANEL ASSEMBLY

SIZE D — DRAWING NO. 02 001-0753 — REV E — SCALE 1:1 — SHEET 1 OF 2

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LTR	ECO NO.	CHANGED BY	APPVD BY	DATE
A	RELEASE		LAT	1-16-79
B	1040	M. McMINN	LAT	5/8/79
C	1072	T.H. 8-8-79	LAT	8/15/79
D	1082	JB 12-10-79	LAT	12/13/79
E	1105	SAM 4-7-80	LAT	4/11/80
F	1108	SAM 4-14-80	LAT	4/14/80
G	1386	M. McMINN	JV	5/9/82
H	1894	M. McMINN	JW	9/21/84
J	2124	NP 4/29/86		



WIRING CHART

FROM	TO	COLOR	LENGTH	ITEM NO.	FROM	TO	COLOR	LENGTH	ITEM NO.
					S7-2	S8-4	ORN.	4"	38
S5-5	S4-4	ORN.	4"	38	S8-4	S9-4	ORN.	3"	38
S4-4	S3-4	ORN.	3"	38	S9-4	S10-5	ORN.	4"	38
S3-4	S2-2	ORN.	4"	38	DS4-A	DS3-A	RED.	15"	54
P10A-11	S2-5	BRN.	20"	27	P10B-11	S7-5	BRN.	20"	27
P10A-10	S2-1	WHT.	↓	↓	P10B-10	S7-1	WHT.	↓	↓
P10A-9	S2-3	VIO.			P10B-9	S7-3	VIO.		
P10A-22	S3-1	GRY.			P10B-22	S8-1	GRY.		
P10A-21	S3-5	BLU.			P10B-21	S8-5	BLU.		
P10A-20	S3-2	YEL.			P10B-20	S8-2	YEL.		
P10A-19	S3-3	RED.			P10B-19	S8-3	RED.		
P10A-18	S4-1	BLK.			P10B-18	S9-1	BLK.		
P10A-17	S4-5	GRY.			P10B-17	S9-5	GRY.		
P10A-16	S4-2	BLU.			P10B-16	S9-2	BLU.		
P10A-15	S4-3	YEL.			P10B-15	S9-3	YEL.		
P10A-26	S5-1	BLU.			P10B-26	S10-1	BLU.		
P10A-25	S5-2	YEL.			P10B-25	S10-2	YEL.		
P10A-24	S5-3	RED.			P10B-24	S10-3	RED.		
P10A-23	S5-4	BLK.			P10B-23	S10-4	BLK.		
P10A-5&6	S5-5	WHT-BRN.			P10B-5&6	S10-5	WHT-BRN.		
P10A-12	DS1-A	ORN.			P10B-12	DS2-A	ORN.		
P10A-13	DS1-C	GRN.			P10B-13	DS2-C	GRN.		
P10A-2		ORN.			P10B-14	DS4-A	RED.		
P10A-1		BRN.			P10B-3	DS3-C	GRN.		
P10A-3		GRN.			P10B-2	DS4-C	ORN.		
P10A-4		VIO.			P10B-1		BRN.		
P10A-7	SEE NOTE #1	GRN.			P10B-4	SEE NOTE #1	VIO.		
P10A-8		GRN.			P10B-7		GRN.		
P10A-14		RED.	20"	27	P10B-8		GRN.	20"	27
REAR PANEL COAX GND		BLK.	1.5	36					
		BLK.	1.5	36					
S1-1	C1				S6-1	C2			
S1-3	C1				S6-3	C2			
S1-3	J1-1	WHT.	3"	34	S6-3	J3-1	WHT.	3"	34
S1-2		RG174	5"	29	S6-2		RG174	8"	29
J1-1		RG174	30"	29	J3-1		RG174	30"	29
J1-2		BLK.	3"	36	J3-2		BLK.	3"	36
J1-2	SEE NOTE #2	BLK.	3"	36	J3-2	SEE NOTE #2	BLK.	3"	36
J2-1		ORN.	8"	38	J4-1		ORN.	5"	38
J2-1		BLU.	25⅜"	42	J4-1		BLU.	18½"	42
J2-2		BLK.	8"	36	J4-2		BLK.	5"	36
J2-2		GRN.	25⅜"	40	J4-2		GRN.	18½"	40

NOTES:
1- THESE WIRE LEADS ARE TO BE LEFT UNTERMINATED AND CUT OFF AS CLOSE AS POSSIBLE TO THE HARNESS BREAKOUT OF THE RIBBON CABLE.
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4- MARK CONNECTOR DESIGNATION (P10A OR P10B) ON TOP SIDE OF CONNECTOR.
SHEETS 2 & 3 ARE A SIZE L/M.

DRAWN BY: M. McMINN	DATE 5/8/79
CHECKED BY:	
ENG. APPVL. R.A.S.	1/16/79
MFG. APPVL. Lewis A. Tarr	1-16-79

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005, .XX ± .01, X/X ± 1/64, ∠° ± 1°

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TITLE: 752A FRONT PANEL ASSEMBLY

SIZE D | DRAWING NO. 02 001-0750 | REV | SCALE 1:1 | SHEET 1 OF 3

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REV	ECN	BY	DATE	APP

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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
DS1 DS2	LED: RED, 2MCD@10, 40DVA	MV5054-1	MONSO	171.1600	2
DS3 DS4	LED: GRN, 3MCD@20 90DVA	5082-4955	HP	171.1602	2
NONE	SUPER KIT	2500-0751-02		2500-0751-02	1
NONE	FRONT PANEL: 751			300.0701	1
S9	S: TOG SPDT ON-ON RB	7101-SYZB	C&K	340.1201	1
S4 S7	S: ROT 1P 4 POS 36 DEG (751 MULT)	511611323-0	OAK	343.1040	2
S2 S3 S5 S6	S: RPT 10P BCD 36 DEG (5600)	512371321-A	OAK	345.1101	4
S1 S8	S: ROT 1P 11 POS BCD (751GAIN)	513481320-A	OAK	345.1112	2
J3 J4	CONN: COAX BLKHD RECPT ISOL	31-010	AMPH	351.0006	2
NONE	CLAMP: CABLE TIE	6001-12A	AUGAT	362.1607	2
NONE	CLIP: LED MTG BLK (MV)			362.2010	4
NONE	KNOB: BAR LT/GRY ANALOG GAIN			370.0771	2
NONE	KNOB: DIAL 0-9 LT-GRY/WHT-MK			370.0774	4
NONE	KNOB: MULT 1-1K LT-GRY/WHT-MK			370.0777	2
NONE	WIRE: #24 AWG STR RED			378.1724	.15
NONE	NUT: HX ST CD 3/8-32 X 1/2AF			387.0160	16
NONE	WASHER: INT LK STL CAD 3/8			388.1370	8

WAVETEK PARTS LIST | TITLE: PANEL ASSEMBLY FRONT 751 | ASSEMBLY NO. 001.0700 | REV Q | PAGE 1 / PAGE 2

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
C1 C2	FX PLSTR .47UF 5% 100V	A11B474J	BISHO	105.4470	2
DS1 DS2	LED: RED, 2MCD@10, 40DVA	MV5054-1	MONSO	171.1600	2
DS3 DS4	LED: GRN, 3MCD@20 90DVA	5082-4955	HP	171.1602	2
NONE	SUPER KIT	2500-0752-02		2500-0752-01	1
NONE	FRONT PANEL: 752			300.0751	1
S1 S11 S6	S: TOG SPDT ON-ON RB	7101-SYZB	C&K	340.1201	3
S10 S5	S: ROT 1P 4 POS 36 DEG (751 MULT)	511611323-0	OAK	343.1040	2
S3 S4 S8 S9	S: RPT 10P BCD 36 DEG (5600)	512371321-A	OAK	345.1101	4
S2 S7	S: ROT 1P 11 POS BCD (751GAIN)	513481320-A	OAK	345.1112	2
J1 J2 J3 J4	CONN: COAX BLKHD RECPT ISOL	31-010	AMPH	351.0006	4
NONE	CLAMP: CABLE TIE	6001-12A	AUGAT	362.1607	2
NONE	CLIP: LED MTG BLK (MV)			362.2010	4
NONE	KNOB: BAR LT/GRY			370.0771	2
NONE	KNOB: DIAL 0-9 LT-GRY/WHT-MK			370.0774	4
NONE	ANALOG GAIN				
NONE	KNOB: MULT 1-1K LT-GRY/WHT-MK			370.0777	2
NONE	WIRE: #22 AWG STR WHITE			378.1694	.6
NONE	WIRE: #24 AWG STR RED			378.1724	.15
NONE	NUT: HX ST CD 3/8-32 X 1/2AF			387.0160	16
NONE	WASHER: INT LK STL CAD 3/8			388.1370	8

WAVETEK PARTS LIST | TITLE: PANEL ASSEMBLY FRONT 752 | ASSEMBLY NO. 001.0750 | REV J | PAGE 1 / PAGE 2

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
C1	FX PLSTR .47UF 5% 100V	A11B474J	BISHO	105.4470	1
DS1 DS2	LED: RED, 2MCD@10, 40DVA	MV5054-1	MONSO	171.1600	2
DS3 DS4	LED: GRN, 3MCD@20 90DVA	5082-4955	HP	171.1602	2
NONE	SUPER KIT	2500-0752-02		2500-0752-01	1
NONE	FRONT PANEL: 753			300.0753	1
S11 S6	S: TOG SPDT ON-ON RB	7101-SYZB	C&K	340.1201	2
S10 S5	S: ROT 1P 4 POS 36 DEG (751 MULT)	511611323-0	OAK	343.1040	2
S3 S4 S8 S9	S: RPT 10P BCD 36 DEG (5600)	512371321-A	OAK	345.1101	4
S2 S7	S: ROT 1P 11 POS BCD (751GAIN)	513481320-A	OAK	345.1112	2
J1 J2 J3 J4	CONN: COAX BLKHD RECPT ISOL	31-010	AMPH	351.0006	4
NONE	CLAMP: CABLE TIE	6001-12A	AUGAT	362.1607	2
NONE	CLIP: LED MTG BLK (MV)			362.2010	4
NONE	KNOB: BAR LT/GRY			370.0771	2
NONE	KNOB: DIAL 0-9 LT-GRY/WHT-MK			370.0774	4
NONE	ANALOG GAIN				
NONE	KNOB: MULT 1-1K LT-GRY/WHT-MK			370.0777	2
NONE	WIRE: #22 AWG STR WHITE			378.1694	.25
NONE	WIRE: #24 AWG STR RED			378.1724	.15
NONE	NUT: HX ST CD 3/8-32 X 1/2AF			387.0160	16
NONE	WASHER: INT LK STL CAD 3/8			388.1370	8

WAVETEK PARTS LIST | TITLE: PANEL ASSEMBLY FRONT 753 | ASSEMBLY NO. 001.0753 | REV D | PAGE 1 / PAGE 2

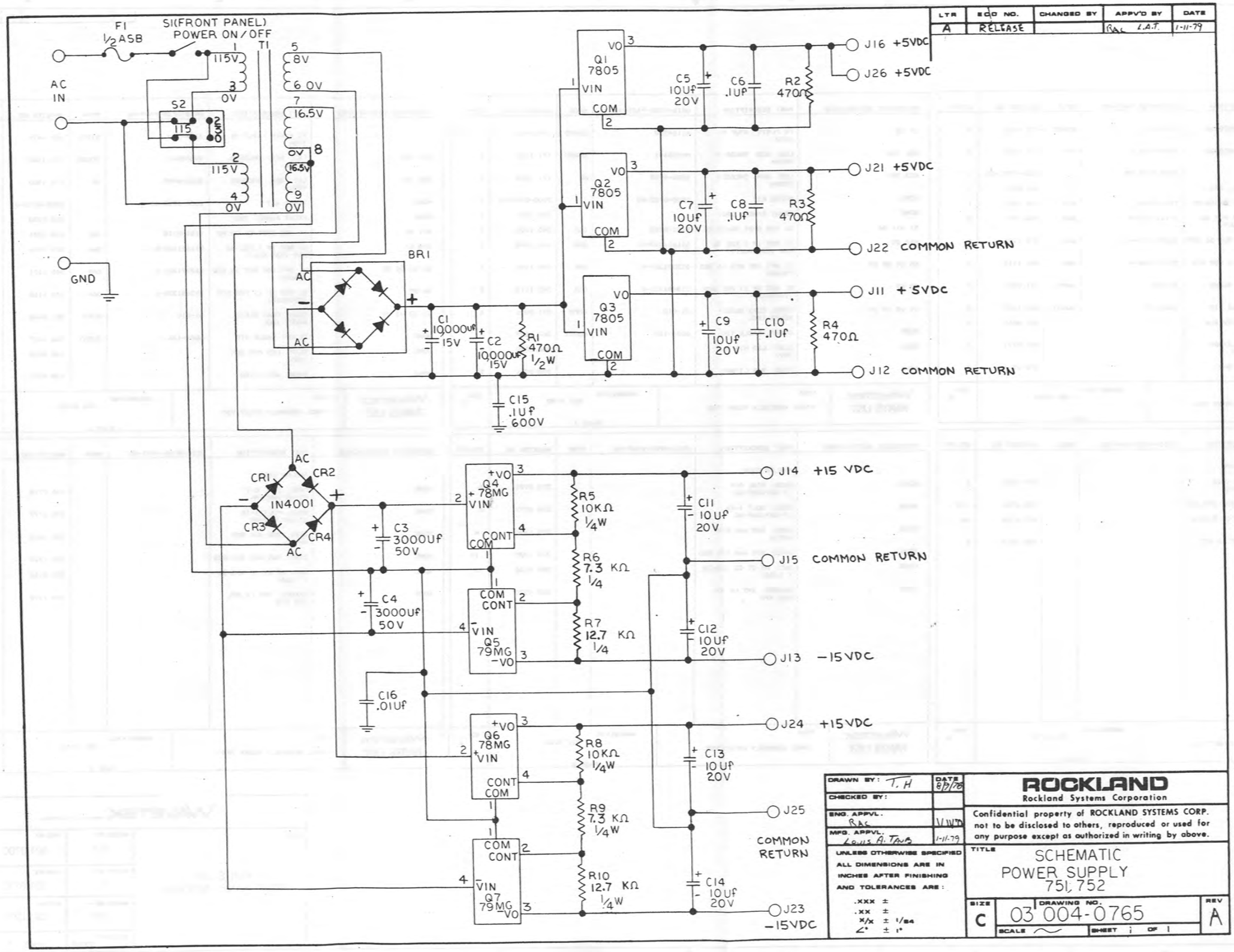
NOTE: UNLESS OTHERWISE SPECIFIED

WAVETEK SAN DIEGO • CALIFORNIA

TITLE	MODEL NO.	DWG NO.	REV
PARTS LIST FRONT PANEL ASSEMBLY	751	001.0700	G
	75[illegible]	001.0750	J
	753	001.0753	D
	CODE IDENT 23338	SHEET 1 OF 1	

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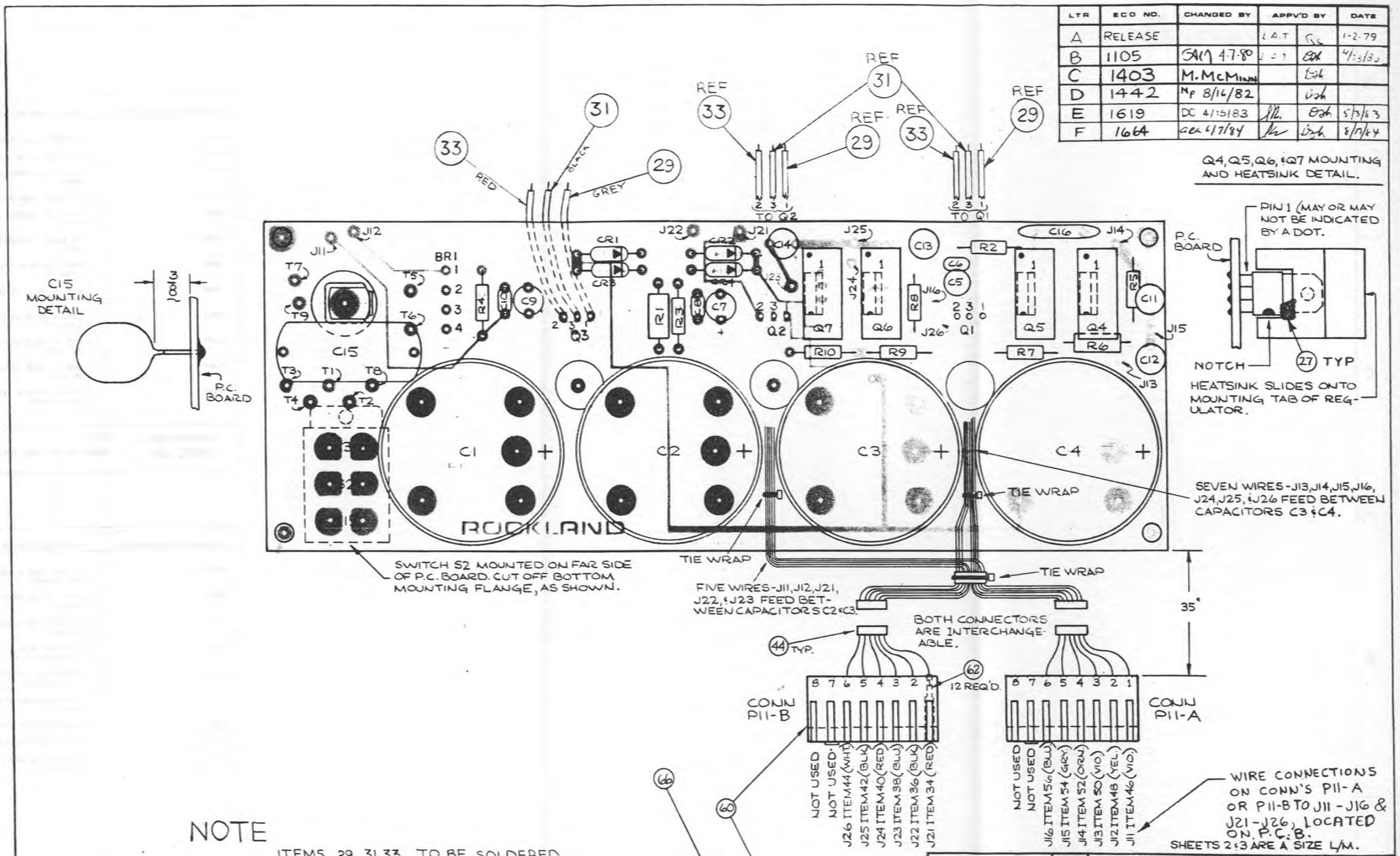
LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
A	RELEASE		RAC L.A.T.	1-11-79



DRAWN BY: T.H	DATE 8/3/78	ROCKLAND Rockland Systems Corporation
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ENG. APPVL. RAC	VWD	
MFG. APPVL. LOUIS A. TAUB	1-11-79	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .XX ± X/x ± 1/64 ∠° ± 1°		TITLE: SCHEMATIC POWER SUPPLY 751, 752
SIZE C	DRAWING NO. 03 004-0765	REV A
SCALE ~	SHEET 1 OF 1	

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LTR	ECO NO.	CHANGED BY	APPV'D BY		DATE
A	RELEASE		L.A.T		1-2-79
B	1105	SMY 4-7-80			4/15/80
C	1403	M. McMinn			
D	1442	MP 8/14/82			
E	1619	DC 4/15/83			5/3/83
F	1664	GEA 4/7/84			8/10/84



Q4, Q5, Q6, &Q7 MOUNTING AND HEATSINK DETAIL.

NOTE

ITEMS 29, 31, 33 TO BE SOLDERED TO Q1, Q2 & Q3 ON BOTTOM (SOLDER SIDE) OF BOARD, AS INDICATED.

DRAWN BY: JB	DATE 12-5-78	ROCKLAND Rockland Systems Corporation
CHECKED BY:		
ENG APPVL: RC	1/2/79	Confidential property of ROCKLAND SYSTEMS CORP. not to be disclosed to others, reproduced or used for any purpose except as authorized in writing by above.
MFG APPVL: L.A. TAUB	1-2-79	

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE:
.XXX ± .005
.XX ± .01
X/X ± 1/64
∠° ± 1°

TITLE: POWER SUPPLY ASSEMBLY 751, 752, 753

SIZE	DRAWING NO	REV
C	02-004-0765	F
SCALE 2:1	SHEET 1 OF 3	

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REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	FX CER .01UF 0MV 1KV	DD-103	CRL	100.3100	1
NONE	FX MOND 0.1UF 50V Z5U	SR215E104ZAT	AVX	100.4102	1
NONE	FX PLSTR .10UF 10% 600V	DMT6P1	C-D	105.4100	1
NONE	FX TANT 10UF 20% 20V	T368B106M025A$	KEMET	109.6100	1
NONE	FX ELECT 3000UF 50V (PC)	3487AE332M050KM	MEPCO	109.8300	1
NONE	FX ELECT 10000UF 15V (PC)	3487BD103M016KM	MEPCO	109.9100	1
NONE	RES, FX MFLM 7.30K 1% 1/8W T0	CR125	CTLRE	111.7300	1
NONE	RES,FX MFLM 10.0K 1% 1/10W T2	RN55C1002F	UMCEM	112.1001	1
NONE	RES,FX MFLM 12.7K 1% 1/10W T2	RN55C1272F	UMCEM	112.1271	1
NONE	RES,FX CFLM 470 OHM 5% 1/4W			116.1471	1
NONE	RES,FX COMP 470 OHM 5% 1/2W			116.1472	1
NONE	Q: P.V. REG 4 TERM ADJ, 500MA	UA78M0U1C	SCHEL	120.0001	1

WAVETEK PARTS LIST	TITLE	ASSEMBLY NO.	REV
	POWER SUPPLY ASSY 751/752	004.0765	F
		PAGE 1	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	Q: N.V. REG 4 TERM ADJ, 500MA	UA79M0U1C	SCHEL	120.0002	1
NONE	ASSY, PC BD PREPPED 751-0765	751-2449	WVTK	1208-00-2449	1
NONE	SIL RECT 50PIV 1A (1N4001)			130.0110	1
NONE	S: SLIDE DPDT (115/230, PC MT)	11A-1388	SWCFT	342.2203	1
NONE	HEAT SINK: TO-202 CLIP (6047PB	6047PB	THERM	367.0410	4
NONE	WIRE: #22 AWG STR BLACK			378.1604	.9
NONE	WIRE: #22 AWG STR RED			378.1624	.9
NONE	WIRE: #22 AWG STR GRY			378.1684	.9
NONE	ADHESIVE: PASTE, CLEAR (RTV)			500.2001	1

WAVETEK PARTS LIST	TITLE	ASSEMBLY NO.	REV
	POWER SUPPLY ASSY 751/752	004.0765	F
		PAGE 2	

NOTE: UNLESS OTHERWISE SPECIFIED

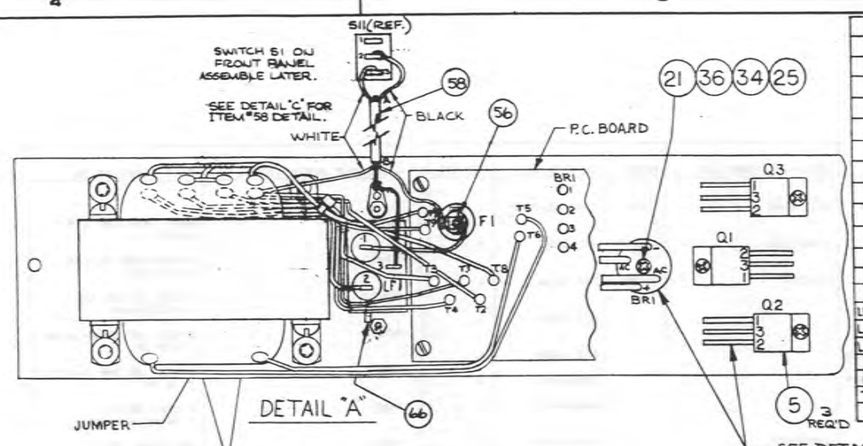
REMOVE ALL BURRS AND BREAK SHARP EDGES	DRAWN	DATE	WAVETEK SAN DIEGO • CALIFORNIA
MATERIAL	PROJ ENGR		TITLE: PARTS LIST POWER SUPPLY ASSY
	RELEASE APPROV		
FINISH WAVETEK PROCESS	TOLERANCE UNLESS OTHERWISE SPECIFIED .XXX ±.010 ANGLES ±1 .XX ±.030		
	DO NOT SCALE DWG	MODEL NO 751/752/753	DWG NO 004.0765 REV F
	SCALE	CODE IDENT 23338	SHEET 1 OF 1

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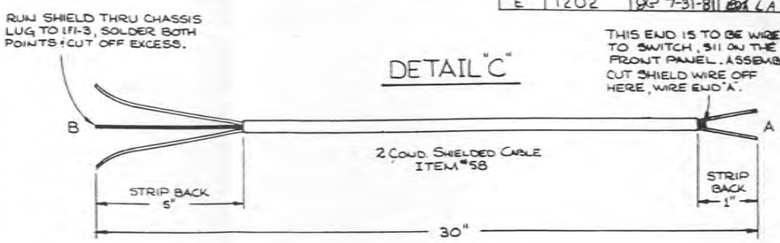
ZONE	LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
	F	1403	M. McMINN		12/9/82
	G	1619	DC 4/15/83		5/3/83
	H	2130	MP 5/9/86		5/9/86

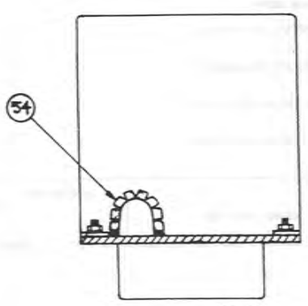
LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
A	RELEASE		R.C. LAT	1-3-79
B	1073	TM 8-7-79	LAT	8-7-79
C	1105	SM 14-7-80	LAT	7/14/80
D	1109	SM 14 21-80	LAT	9/13/80
E	1202	DC 7-31-81	LAT	10-22-81

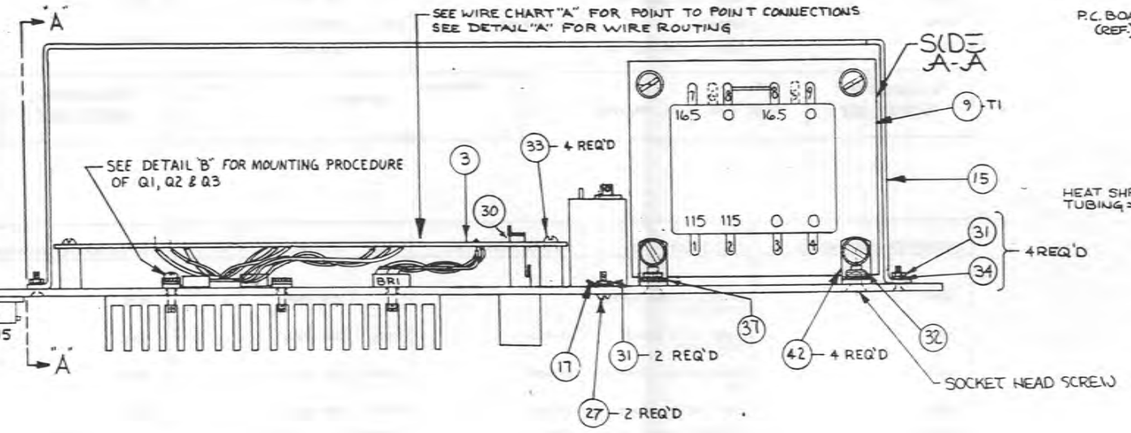


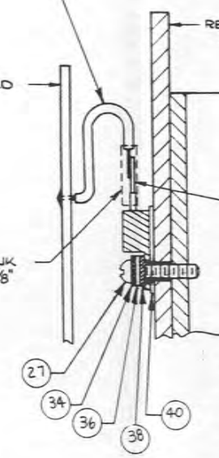
WIRING CHART "A"			
FROM P.C. BOARD	TO TRANSFORMER	LENGTH	ITEM
T1	LUG 1	8½"	44
T2	LUG 2	8½"	46
T3	LUG 3	8¼"	44
T4	LUG 4	8½"	46
T5	LUG 5	11"	48
T6	LUG 6	12"	48
T7	LUG 7	8"	50
T8	LUG 8	9"	52
T9	LUG 9	10"	50
LFI-LUG 1	FI CENTER LUG	6½"	44
LFI-LUG 2	TRANS. LUG 4	7⅛"	46
LFI-LUG 3	CHASSIS LUG	END "B" - 5" SHIELD (CUT ENDS)	58
FI OUTER LUG	SII-LUG 2 (FRONT PANEL) (BLK)	30"	58
TRANS LUG 1	SII-LUG 3 (- -) (WHT)	30"	58

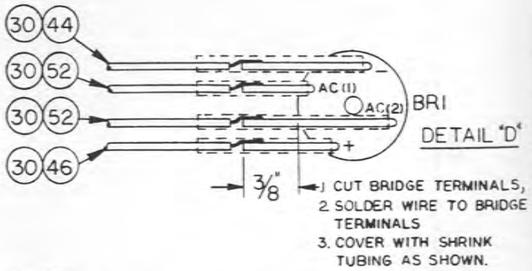
SEE DETAIL "C" FOR DETAIL OF 2 COND. SHIELDED CABLE, ITEM "58.

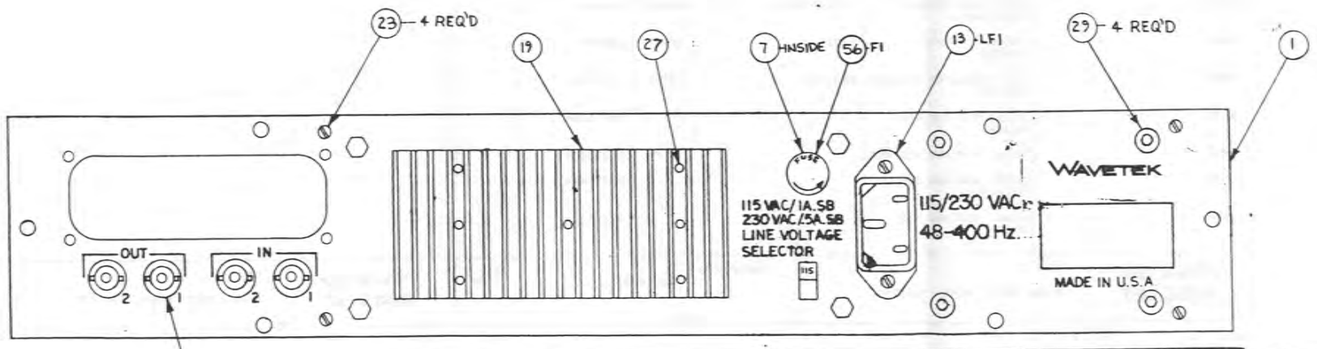








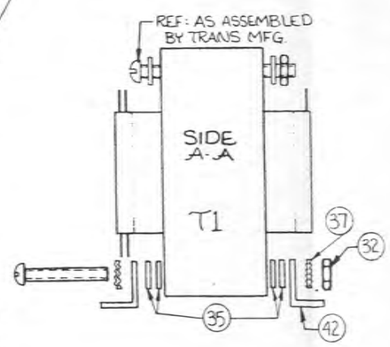




WIRE CHART "B"			
FROM	TO	LENGTH	ITEM
REAR PANEL	P.C. BD		
BRI-NEG.	BRI-1	2"	44
BRI-AC (1)	BRI-2	2"	52
BRI-AC (2)	BRI-3	2"	52
BRI-POS.	BRI-4	2"	46

WIRE CHART "C"		
FROM REAR PANEL	TO P.C. BD	COLOR
Q1-1	Q1-1	GRAY
Q1-2	Q1-2	RED
Q1-3	Q1-3	BLACK
Q2-1	Q2-1	GRAY
Q2-2	Q2-2	RED

WIRE CHART "C"		
FROM REAR PANEL	TO P.C. BD	COLOR
Q2-3	Q2-3	BLACK
Q3-1	Q3-1	GRAY
Q3-2	Q3-2	RED
Q3-3	Q3-3	BLACK



NOTE:
1. USE SHRINK TUBING ON ALL EXPOSED LUGS EXCEPT ITEM "17 AND LFI-3. (SHIELD WIRE OF 'B' END OF ITEM "58)

SHEETS 2 & 3 ARE "A" SIZE L/M.

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ENG. APPVL. B.N.C.	1.3.79	
MFG. APPVL. L.A. Terry	1.3.79	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005 .XX ± .01 X/X ± 1/64 ∠° ± 1°		TITLE: REAR PANEL ASST 751, 752, 753
SIZE D	DRAWING NO. 02 002-0785	REV H
SCALE	SHEET 1 OF 3	

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REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	ASSY, PRE WAVE LOAD 751-0765	751-2448	WVTK	1208-00-2448	1
NONE	S: SLIDE DPDT (115/230, PC MT)	11A-1388	SWCFT	342.2203	1
NONE	HEAT SINK: TO-202 CLIP (6047PB	6047PB	THERM	367.0410	1
NONE	WIRE: #22 AWG STR BLACK			378.1604	1
NONE	WIRE: #22 AWG STR RED			378.1624	1
NONE	WIRE: #22 AWG STR GRY			378.1684	1
NONE	ADHESIVE: PASTE, CLEAR (RTV)			500.2001	1
NONE	Q: P.V. REG 5V 1A TO-220	LM7805CT	NSC	120.0052	1
NONE	SIL FWB 100PIV 10A			130.1540	1
NONE	FILTER: POWER LINE 3A	3EF1	CORCM	165.3001	1
NONE	FUSE: 3AG 1A SB 250V	313001	LITFU	165.4002	1
NONE	XFMR: PWR DUAL PRI			177.3005	1
NONE	WASHER	B51547F015	MOT	2800-11-0015	1
NONE	PANEL: REAR 751/752			303.0630	1

WAVETEK PARTS LIST | TITLE: PANEL ASSY: REAR, 751/752 | ASSEMBLY NO. 002.0785 | REV H

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	WIRE: #18 AWG STR WHITE			378.1494	1
NONE	SHRINK TBG PLYFIN BLACK 3/4"			378.5620	1
NONE	M SCR: ST CD PHP 4-40X3/4 PH			381.4122	1
NONE	M SCR: ST CD PH 6-32 X 3/8 PH			381.6062	1
NONE	M SCR: SS PHP 4-40 X 7/16 PH			385.4072	1
NONE	M SCR: SS PHP 4-40X7/16 100FH			385.4074	1
NONE	SKT CSCR: BLK 8-32X3/8 82FH			386.8061	1
NONE	NUT: HX ST CD 4-40 X 1/4AF			387.4080	1
NONE	NUT: HX ST CD 8-32 X 1/4AF			387.8080	1
NONE	WASHER: FLAT STL CAD #4			388.0040	1
NONE	WASHER: FLAT STL CAD #8			388.0080	1

WAVETEK PARTS LIST | TITLE: PANEL ASSY: REAR, 751/752 | ASSEMBLY NO. 002.0785 | REV H

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	SHIELD: POWER SUPPLY (751/752)			303.0909	1
NONE	CONN: COAX BLKHD RECPT ISOL	31-010	AMPH	351.0006	1
NONE	FUSE HOLDER: MINI 3 AG	345602	LITFU	351.9951	1
NONE	LUG: SOLDER ANGLED #6	1416-6	SMITH	359.0006	1
NONE	GROMMET STRIP: BLACK	2692	SMITH	366.1800	1
NONE	HEAT SINK: POWER (751/752)	05-367-0411	AAVID	367.0411	1
NONE	INSULATOR: MICA TO-220	4672	KEYST	368.5004	1
NONE	TIE: CABLE NY NAT 3/4 MAX DIA	SST-1-M	PANDT	377.4001	1
NONE	WIRE: #18 AWG STR BLACK			378.1404	1
NONE	WIRE: #18 AWG STR RED			378.1424	1
NONE	WIRE: #18 AWG STR YELLOW			378.1444	1
NONE	WIRE: #18 AWG STR BLUE			378.1464	1

WAVETEK PARTS LIST | TITLE: PANEL ASSY: REAR, 751/752 | ASSEMBLY NO. 002.0785 | REV H

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	WASHER: EXT LK STL CAD #4			388.1041	1
NONE	WASHER: EXT LK STL CAD #8			388.1081	1
NONE	BKT: ANG ST CD .628 X .628	618	KEYST	389.3004	1
NONE	SUPER KIT	2500-0751-03		2500-0751-03	1

WAVETEK PARTS LIST | TITLE: PANEL ASSY: REAR, 751/752 | ASSEMBLY NO. 002.0785 | REV H

NOTE: UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES | MATERIAL | FINISH WAVETEK PROCESS

DRAWN | DATE | PROJENGR | RELEASE APPROV

TOLERANCE UNLESS OTHERWISE SPECIFIED .XXX ±.010 ANGLES ±1 .XX ±.030

DO NOT SCALE DWG | SCALE

WAVETEK SAN DIEGO, CALIFORNIA

TITLE: PARTS LIST REAR PANEL ASSEMBLY

MODEL NO: 751/752/753 | DWG NO: 002.0785 | REV

CODE IDENT: 23338 | SHEET 1 OF

BISHOP GRAPHICS ACCUPRESS RECORDER NO. X7781

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LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
A	RELEASE			
B	1062	M.McMINN		LAT
C	1082	JB 1240-79		LAT
D	1197	SD 7/31/81		LAT
E	1289	McMINN		LAT
F	7783	SD 11-14-86		
G	7805	SD 11-14-86		11-21-86

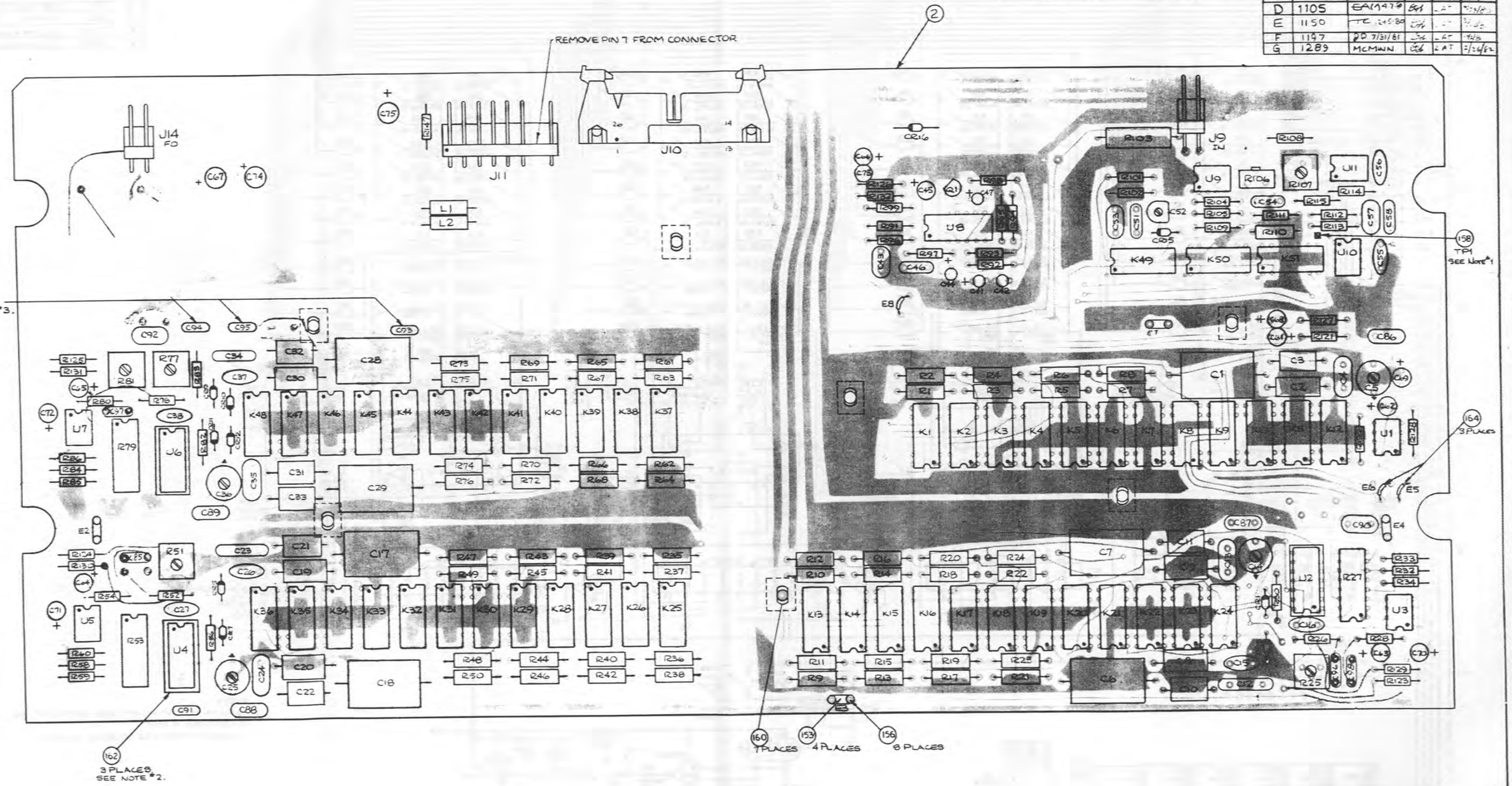
NOTES
1) CONNS. J12 & J13 ARE NOT USED ON THIS OPTION.
2) SELECTED IN TEST.
3) C93, C94, & C95, ARE SELECTED IN TEST

DRAWN BY: M. McMINN	DATE 6-14-79	ROCKLAND Rockland Systems Corporation	
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ENG. APPVL.	7/14/79		
MFG. APPVL. Louis A Tavis	7-15-79		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005 .XX ± .01 X/X ± 1/64 ∠° ± 1°		TITLE 751A HP MAINBOARD SCHEMATIC DIAGRAM	
		SIZE D	DRAWING NO. 03 004 0760 REV G
		SCALE NONE	SHEET 1 OF 1

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ZONE	LTR	ECO NO	CHANGED BY	APPR'D BY	DATE
	H	2141	MP 5/30/86		
	J	7783	SD 11-14-86	mcl	11-21-86
	K	7805	SD 11-14-86	mcl	11-21-86

LTR	ECO NO	CHANGED BY	APPV'D BY	DATE
A	RELEASE			5/7/79
B	1069	T.H. 7/27/79		8/6/79
C	1074	JB 12-4-79		12/3/79
D	1105	EA(1-4-80		2/3/80
E	1150	TC 2-15-80		3/1/80
F	1197	DD 7/31/81		9/4/81
G	1289	MCMANN		2/26/82



NOTES:
1- CUT TEST POINT TO MAX. HEIGHT OF 3/8".
2- U2, U4, & U6 ARE MOUNTED IN SOCKETS, ITEM*162.
3- C93, C94, & C95 ARE TO BE SELECTED & INSTALLED IN THE TEST STAGE.

DRAWN BY JB	DATE 4 30 79
CHECKED BY	
ENG APPVL	5/1/79
MFG APPVL	5/1/79

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE
.XXX ± .005
.XX ± .01
X/x ± 1/64
∠° ± 1°

ROCKLAND
Rockland Systems Corporation

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TITLE: ASSEMBLY 751A HP FILTER BOARD

SIZE D | DRAWING NO 02-004-0760 | REV K | SCALE 2:1 | SHEET 1 OF 4

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REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NA NONE	ELECT SCHEMATIC: HP FILTER (751)	03.004.0760	WVTK	03.004.0760	2
U2 U4 U6	U: GD LIN BIFET OP-AMP (LF347)	LF347N	NSC	120.2047	3
NONE	FX MOND .01UF +80 -20% 50V	SR215E103ZAT	AVX	100.3105	1
NONE	CAP MICA FX VA DIP 12PF 5% 200 PPM/C 500V	CM05CD120J03	CDE	101.0120	1
NONE	CAP MICA FX VAL DIP 15PF 5% 200 PPM/C 500V	CM05CD150J03	CDE	101.0150	1
NONE	CAP MICA FX VAL DIP 18PF 5% 200 PPM/C 500V	CM05CD180J03	CDE	101.0180	1
NONE	CAP MICA FX VAL DIP 22PF 5% -20+100PPM/C 500V	CM05ED220J03	CDE	101.0220	1
NONE	CAP MICA FX VAL DIP 30PF 5% -20+100PPM/C 500V	CM05ED300J03	CDE	101.0300	1
NONE	CAP MICA FX VAL DIP 47PF 5% -20+100PPM/C 500V	CM05ED470J03	CDE	101.0470	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-HP | ASSEMBLY NO. 004.0760 | REV K | PAGE 1

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	CAP FX VAL,DP MICA 150PF 5% 0 TO +70PPM/C 500V	CM05FD151J03	CDE	101.1150	1
NONE	CAP FX VAL,DP MICA 200PF 5% 0 TO +70PPM/C 500V	CM05FD201J03	CDE	101.1200	1
NONE	CAP FX VAL,DP MICA 300PF 5% 0 TO +70PPM/C 500V	CM05FD301J03	CDE	101.1300	1
NONE	CAP MICA FX VAL DIP 910PF 1% 0 TO+70PPM/C 100V	CD15FA911F03	CDE	101.1910	1
NONE	CAP MICA FX VAL DIP 100PF 1% 0 TO+70PPM/C500V	CM06FD102F03	CDE	101.2101	1
NONE	FX PLYSTY .01UF -.5+0%	PSBPC0103E	AMRAD	104.3106	1
NONE	FX PLYSTY 0.1UF -.5+0% 50V	PSW0104E	AMRAD	104.4106	1
NONE	FX PLYSTY 0.1UF 50V SET	PSW0104F-MS	AMRAD	104.4107	1
NONE	FX PLYCRB 1.0UF -.5+0% 100V	MPABPC0105E	AMRAD	104.5103	1
NONE	VAR CER 3.5-18PF 250V	9373	JACO	108.0180	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-HP | ASSEMBLY NO. 004.0760 | REV K | PAGE 2

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	VAR CER 15-60PF	538-011-F	MILGY	108.0600	1
NONE	FX TANT .10UF 20% 35V	T368A104M035AS	KEMET	109.4100	1
NONE	FX TANT 10UF 20% 20V	T368B106M025AS	KEMET	109.6100	1
NONE	FX TANT 68UF 20% 6V	T368B686M006AS	KEMET	109.6680	1
NONE	RES.FX MFLM 328 OHM .5% 1/10W T2	RN55C3280D	ENOX	110.3281	1
NONE	RES. FX MFLM 681 OHM 1% 1/8W TO	RN55C6810F	UMCEM	110.6810	1
NONE	RES.FX MFLM 1.00K 1% 1/10W T2	RN55C1001F	UMCEM	111.1001	1
NONE	RES.FX MFLM 1.169K .5% 1/8W TO	CR125 100PPM	CTLRE	111.1168	1
NONE	RES.FX MFLM 1.36K 1% 1/8W TO	NA	NA	111.1360	1
NONE	RES.FX MFLM 1.37K 1% 1/8W TO	RN55C1371F	UMCEM	111.1370	1
NONE	RES.FX MFLM 1.757K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.1758	1
NONE	RES.FX MFLM 2.053K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.2059	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-HP | ASSEMBLY NO. 004.0760 | REV K | PAGE 3

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES.FX MFLM 2.15K 1% 1/10W T2	RN55C2151F	UMCEM	111.2151	1
NONE	RES.FX MFLM 2.338K .5% 1/8W TO	HA55 100PPM	HYMEQ	111.2338	1
NONE	RES.FX MFLM 2.40K 5% 2W 200PPM	FP42 2.4K 5% 2W 200PPM	CORNG	111.2403	1
NONE	RES.FX MFLM 2.72K 1% 1/8W TO	CR125 100PPM	CTLRE	111.2720	1
NONE	RES.FX MFLM 3.40K 1% 1/10W T2	RN55C3401F	UMCEM	111.3401	1
NONE	RES.FX MFLM 3.513K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.3518	1
NONE	RES.FX MFLM 3.57K 1% 1/10W T2	RN55C3571F	UMCEM	111.3571	1
NONE	RES.FX MFLM 4.106K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.4109	1
NONE	RES.FX MFLM 4.32K 1% 1/10W T2	RN55C4321F	UMCEM	111.4321	1
NONE	RES.FX MFLM 4.42K 1% 1/10W T2	RN55C4421F	UMCEM	111.4421	1
NONE	RES.FX MFLM 4.675K .5% 1/8W TO	HA55 100PPM	HYMEQ	111.4678	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-HP | ASSEMBLY NO. 004.0760 | REV K | PAGE 4

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES. FX MFLM 5.45K 1% 1/8W TO	CR125	CTLRE	111.5450	1
NONE	RES. FX MFLM 5.56K .5% 1/10W T2	RN55C5561D	ENOX	111.5561	1
NONE	RES. FX MFLM 6.81K 1% 1/10W T2	RN55C6811F	UMCEM	111.6811	1
NONE	RES. FX MFLM 7.027K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.7028	1
NONE	RES. FX MFLM 8.212K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.8219	1
NONE	RES. FX MFLM 8.98K .5% 1/10W T2	RN55C8981D	KAGAN	111.8981	1
NONE	RES. FX MFLM 9.351K .5% 1/8W TO	CR125 100PPM	CTLRE	111.9358	1
NONE	RES.FX MFLM 11.69K .5% 1/8W TO	CR125 100PPM	CTLRE	112.1168	1
NONE	RES.FX MFLM 13.6K 1% 1/8W TO	CR125 100PPM	CTLRE	112.1360	1
NONE	RES.FX MFLM 14.05K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.1408	1
NONE	RES.FX MFLM 14.7K 1% 1/10W T2	RN55C1472F	UMCEM	112.1471	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-HP | ASSEMBLY NO. 004.0760 | REV K | PAGE 5

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES.FX MFLM 15.4K 1% 1/10W T2	CR125 50PPM	CTLRE	112.1541	1
NONE	RES.FX MFLM 16.42K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.1649	1
NONE	RES.FX MFLM 17.57K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.1758	1
NONE	RES.FX MFLM 20.53K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.2058	1
NONE	RES.FX MFLM 23.38K .5% 1/8W TO	CR125 100PPM	CTLRE	112.2338	1
NONE	RES.FX MFLM 27.2K 1% 1/8W TO	CR125 100PPM	CTLRE	112.2720	1
NONE	RES MF FIX. VALUE 0.5% 50PPM RN55 SIZE	RN55C3052D	MIL	112.3051	1
NONE	RES.FX MFLM 35.13K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.3518	1
NONE	RES. FX MFLM 41.06K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.4108	1
NONE	RES. FX MFLM 46.75K .5% 1/8W TO	CR125 100PPM	CTLRE	112.4678	1
NONE	RES. FX MFLM 54.5K 1% 1/8W TO	CR125 100PPM	CTLRE	112.5450	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-HP | ASSEMBLY NO. 004.0760 | REV K | PAGE 6

NOTE UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES	DRAWN	DATE	WAVETEK SAN DIEGO, CALIFORNIA
MATERIAL	PROJ ENGR		TITLE: PARTS LIST MAINBOARD ASSY
	RELEASE APPROV		
FINISH WAVETEK PROCESS	TOLERANCE UNLESS OTHERWISE SPECIFIED .XXX ±.010 ANGLES ±1 .XX ±.030		
	DO NOT SCALE DWG		MODEL NO. 751 / DWG NO. 004.0760 / REV K
	SCALE		CODE IDENT 23338 / SHEET 1 OF 1

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REV	ECN	BY	DATE	APP

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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES. FX MFLM 60.4 1% 1/10W T2	RN55C6042F	UMCEM	112.6041	1
NONE	RES. FX MFLM 70.27K .1% 1/8W T0	HA55 100PPM	HYMEG	112.7028	1
NONE	RES. FX MFLM 82.12K .1% 1/8W T0	HA55 100PPM	HYMEG	112.8218	1
NONE	RES. FX MFLM 93.51K .5% 1/8W T0	CR125 100PPM	CTLRE	112.9358	1
NONE	RES.FX MFLM 100K 1% 1/10W T2	RN55C1003F	UMCEM	113.1001	1
NONE	RES.FX MFLM 140.5K .1% 1/8W T0	HA55 100PPM	HYMEG	113.1408	1
NONE	RES.FX MFLM 164.2K .1% 1/8W T0	HA55 100PPM	HYMEG	113.1648	1
NONE	RES.FX MFLM 200K 1% 1/10W T2	RN55C2003F	UMCEM	113.2001	1
NONE	RES. FX MFLM 900K 1% 1/10W T2			113.9009	1
NONE	RES.FX CFLM 10 OHM 5% 1/4W			116.0101	1
NONE	RES.FX CFLM 82 OHM 5% 1/4W			116.0821	1

WAVETEK PARTS LIST	TITLE	ASSEMBLY NO.	REV
	MAINBOARD ASSY 751-HP	004.0760	K
		PAGE 7	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	U: QUAD ANAL VOLT COMP (LM339)	LM339N	MOT	120.3339	1
NONE	ASSY. PC BD PREPPED 751-0760	751-2447	WVTK	1206-00-2447	1
NONE	CDS U: RES NET 2.2K OHM 1% XB	4116R-001-2.2K	BOURN	128.2223	1
NONE	CDS U: RES NET 10K OHM 1% XB	698-3-R10K-F	BECK	128.3103	1
NONE	SL ZR 5.1V 5% 400MW (1N751A)			131.9510	1
NONE	GER 120PIV 100MA (1N277)			132.0277	1
NONE	SL LW LK 70PIV 200MW (1N457)			132.0457	1
NONE	Q: SIL PNP (2N4249)			136.4249	1
NONE	Q: DL MATCH FET (NPD-5566)	NPD-5566	NSC	138.5566	1
NONE	L: FXD 1 MHY +/-10% SHLD	1641-105	DELVN	150.2100	1
NONE	RELAY: REED DIP 1A W/DIODE 5V	1503-8-1	WABSH	175.1505	1
NONE	RELAY: REED DIP 1C	815-244-11	WABSH	175.1506	1

WAVETEK PARTS LIST	TITLE	ASSEMBLY NO.	REV
	MAINBOARD ASSY 751-HP	004.0760	K
		PAGE 9	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES.FX CFLM 100 OHM 5% 1/4W			116.1101	1
NONE	RES FX CFLM 1.0K OHM 5% 1/4W			116.2101	1
NONE	RES.FX CFLM 10K OHM 5% 1/4W			116.3101	1
NONE	RES.FX CFLM 1.0M OHM 5% 1/4W			116.5101	1
NONE	RES.FX CFLM 4.7 OHM 5% 1/4W			116.9471	1
NONE	RES. VAR CMT 500 OHM 3/8SQ FM	72PR500	BECK	118.1503	1
NONE	RES. VAR CMT 1.0K 3/8SQ EM	72XR1K	BECK	118.2101	1
NONE	RES. VAR CMT 1.0K 3/8SQ FM	72PR1K	BECK	118.2102	1
NONE	RES. VAR CMT 5.0K 3/8SQ FM	72PR5K	BECK	118.2502	1
NONE	U: LIN BIFET OP-AMP DIL LF351	LF351N	NSC	120.1017	1
NONE	U: LIN OP-AMP DIL (NE5534A)	SA5534AN	SIG	120.1018	1

WAVETEK PARTS LIST	TITLE	ASSEMBLY NO.	REV
	MAINBOARD ASSY 751-HP	004.0760	K
		PAGE 8	

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
	W/DIODE 5V				
NONE	RELAY: REED DIP 2A W/DIODE 5V	1503-7-1	WABSH	175.1507	1
NONE	CONN, PLUG: HDR 26P DIL RT ANG ST LK	3429-1002&3505-2	3M	352.2601	1
NONE	SOCKET: IC 14PIN DIP ST			353.1403	1
NONE	CONN: 8PIN R/A HDR F/L 9751081	09-75-1081	MOLEX	354.0020	1
NONE	CONN: 2PIN R/A HDR F/L 9751021	09-75-1021	MOLEX	354.0022	1
E2 E3 E4 E7	CONN, PLUG: SHORTING (LOW PROF)	4612872-01-03-10	CTC	352.0202	4
NONE	SOCKET: JMPR (USE W/352.0202)	4503327-01-0300	CTC	353.0104	8
TP1	CONN: TERM PIN .025 WW (NAIL)	W98-025-560-GH-GOLD	A/S	354.0003	1
NONE	SPACER: NYL SNAP-BTN (MB1-156)	MB-1-156	P&MC	376.2109	7
NONE	WIRE: BUSS TINNED #22GA			378.0601	.3
NONE	SLVNG: PLASTIC FBRGLS #22AWG			378.5221	.2

WAVETEK PARTS LIST	TITLE	ASSEMBLY NO.	REV
	MAINBOARD ASSY 751-HP	004.0760	K
		PAGE 10	

NOTE: UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES	DRAWN	DATE	WAVETEK SAN DIEGO • CALIFORNIA
MATERIAL	PROJ ENGR		TITLE: PARTS LIST MAIN BOARD ASSEMBLY
	RELEASE APPROV		
FINISH WAVETEK PROCESS	TOLERANCE UNLESS OTHERWISE SPECIFIED .XXX ±.010 ANGLES ±1 XX ±.030		
	DO NOT SCALE DWG	MODEL NO. 751	DWG NO. 004.0760 REV K
	SCALE	CODE IDENT 23338	SHEET 2 OF 2

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LTR	ECO NO.	CHANGED BY	APPV'D BY		DATE
A	RELEASE				
B	1062	M.McMINN	DGK	LAT	7-16-79
C	1071	T.H. 8-7-79	DGK	LAT	8/9/79
D	1700	M.McMINN	PM		5/19/85

CONN.J10

+5V LOGIC TO J11-6

+5V TO J11-1

+5V

Fc

X

POST MAIN

O/L LED

RTN

RTN

LOC

FILTER IN

GND

CONN.J13 FI

E7 E6 E5 E8 E4 E3 E2

R1 469K 1% … R8 5.84K 1%

K1 … K12

C1 … C5 C86 C87

+V4 U1 LF351N -V4

R9 272.3K .5% … R24 3.404K .5%

K13 … K24

C6 … C13 C86 C87

-5V +5V

CR1 IN457 CR3 IN751A R30 10K 5% -V5

R25 500Ω Q-ADJ U2 LF347N (SEE NOTE 2) R26 4.47K 1%

R27 2.20K 1% R28 2.21K 1%

C90 12PF C16 .01uF 50V

R32 R33 R34 5.5K .5%

U3 LF351N

R35 181.2K .1% … R48 4.530K .1%

R49 2.265K .1% R50 2.265K .1%

K25 … K36

C17 … C24 C86 C87

-V6 +V6

CR5 IN751A CR7 IN457 R56 10K 5%

C26 .01uF

R51 1K Q-ADJ U4 LF347N (SEE NOTE 2) R52 14.7K 1%

R53 2.20K 1% R54 4.42K 1%

C91 12PF

R58 R59 30.5K 1% 5.5K .5%

C27 .01uF 50V

U5

R60 5.5K .5%

R79 2.20K 1%

R61 155.0K .1% … R76 1.938K .1%

K37 … K48

(SEE NOTE 3)

C93 C94 C95 C28 C29 C30 C31 C32 C33 C34 C35 C36 C89

CR9 IN751A CR11 IN457 R82 5% 10K CR10 IN751A CR12 IN457 R83 10K 5%

-V7 +V7

C37 .01uF 50V

R77 5K Q-ADJ U6 LF347N (SEE NOTE 2) R78 60.4K 1% 10W

C92 12PF

R80 3.40K 1% R81 100 KHz Q-ADJ 1% R84 R85 15.4K 1% 5.5K .5%

C38 .01uF 50V

R86 5.5K .5%

U7 LF351N

R91 1K 5% R98 1M 5% +V8

U8 LM339 Q1 2N4249

C47 1uF 35V

R92 1K 1% R93 2.15K 1% C41 1uF 35V

R94 1K 1% R95 2.15K 1% C42 .1uF C43 3300PF 500V

R96 1K 5% R97 10Ω 5% C44 .1uF C45 10uF 20V C46 200PF 500V R99 10Ω 5%

-V8

C76 .47uF C82 .01uF 50V +V9

U15 LF357 C80 12PF R137 10.K 1% C85 150PF 500V

R148 1M 5%

R143 2.15K 1% R144 2.15K 1% R145 4.32K 1%

U14 NE5534 R146 47Ω 5%

CONN J12 1 OUT 2 GND

R138 100K OFFSET ADJ R139 100K 1% R140 4.32K 1% R142 953Ω 1% R141 328Ω 1%

K52 K53

L1 1MHY 10% L2 1MHY 10%

R122 … R126 100Ω 5% R128 … R132 100Ω 5%

C62 … C66 10uF 20V C69 … C74 10uF 20V

R147 82Ω 5W 5%

+5V TO J10-14 C75 68uF 10% 6V

+5V NET +5 LOGIC TO J10-14

CONN.J11

NOTES:
1.) CONNS J9 + J14 ARE NOT USED ON THIS OPTION.
2) SELECTED IN TEST.
3.) C93, C94, & C95 ARE SELECTED IN TEST.

DRAWN BY: M.McMINN	DATE 5-31-79	ROCKLAND Rockland Systems Corporation
CHECKED BY:		Confidential property of ROCKLAND SYSTEMS CORP. not to be disclosed to others, reproduced or used for any purpose except as authorized in writing by above.
ENG. APPVL. DGK	7/16/79	
MFG. APPVL. Louis A. Tavis	7/16/79	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005 .XX ± .01 X/X ± 1/64 ∠° ± 1°		TITLE 751A LP MAIN BOARD ASSEMBLY SCHEMATIC DIAGRAM
SIZE D	DRAWING NO. 03 004 0755	REV D
SCALE NONE	SHEET 1 OF 1	

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LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
A	RELEASE			
B	07	TP 8-1-79		
C	1074	JB 12-4-79		
D	1096/1105	FZ		
E	1700	M. McMINN		9/11/..
F	2124	MP 4/29/86		
G	2745			

PIN #8

PIN #1

LF357 (U13) WHEN MOUNTING MAKE SURE PIN #1 GOES IN PIN #1 HOLE DENOTED WITH DOT. PIN #8 IS TAP GOES IN PIN #8 HOLE.

REMOVE PIN 7 FROM CONNECTOR

SEE NOTE N° 1

SEE NOTE N° 2

(160) 3 PLACES

(157) 7 PLACES

(150) 3 PLACES

(160) 6 PLACES

(163) 7 PLACES

SHEETS 2-6 ARE 'A' SIZE L/M.

NOTES:
1. C93, C94 & C95 ARE SELECTED AND INSTALLED IN TEST.
2. U2, U4, & U6 ARE MOUNTED IN SOCKETS.

DRAWN BY M. McMINN	DATE 9-26-79	ROCKLAND Rockland Systems Corporation
CHECKED BY		Confidential property of ROCKLAND SYSTEMS CORP. not to be disclosed to others, reproduced or used for any purpose except as authorized in writing by above.
ENG APPVL.		TITLE ASSEMBLY 7514LP FILTER BOARD
MFG APPVL.		SIZE D DRAWING NO 02-004-0755 REV
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE .XXX ± .005 .XX ± .01 X/x ± 1/64 ∠ ± 1°		SCALE 2:1 SHEET 1 OF 4

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REV	ECN	BY	DATE	AP

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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
U2 U4 U6	U: QD LIN BIFET OP-AMP (LF347)	LF347N	NSC	120.2047	3
NONE	FX MOND .01UF +80 -20% 50V	SR215E103ZAT	AVX	100.3105	1
NONE	CAP MICA FX VA DIP 12PF 5% 200 PPM/C 500V	CM05CD120J03	CDE	101.0120	1
NONE	CAP MICA FX VAL DIP 22PF 5% -20+100PPM/C 500V	CM05ED220J03	CDE	101.0220	1
NONE	CAP FX VAL.DP MICA 150PF 5% 0 TO +70PPM/C 500V	CM05FD151J03	CDE	101.1150	1
NONE	CAP FX VAL.DP MICA 200PF 5% 0 TO +70PPM/C 500V	CM05FD201J03	CDE	101.1200	1
NONE	CAP FX VAL.DP MICA 300PF 5% 0 TO +70PPM/C 500V	CM05FD301J03	CDE	101.1300	1
NONE	CAP MICA FX VAL DIP 910PF 1% 0 TO+70PPM/C 100V	CD15FA911F03	CDE	101.1910	1
NONE	CAP MICA FX VAL DIP 100PF 1% 0 TO+70PPM/C500V	CM06FD102F03	CDE	101.2101	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-LP | ASSEMBLY NO. 004.0755 | REV G

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	FX PLYSTY .01UF -.5+0%	PSBPC0103E	AMRAD	104.3106	1
NONE	FX PLYSTY 0.1UF -.5+0% 50V	PSW0104E	AMRAD	104.4106	1
NONE	FX PLYSTY 0.1UF 50V SET	PSW0104F-MS	AMRAD	104.4107	1
NONE	FX PLYCRB 1.0UF -.5+0% 100V	MPABPC0105E	AMRAD	104.5103	1
NONE	FX PLSTR .47UF 5% 100V	A11B474J	BISHO	105.4470	1
NONE	VAR CER 15-60PF	538-011-F	MILGY	108.0600	1
NONE	FX TANT .10UF 20% 35V	T368A104M035AS	KEMET	109.4100	1
NONE	FX TANT 10UF 20% 20V	T368B106M025AS	KEMET	109.6100	1
NONE	FX TANT 68UF 20% 6V	T368B68M006AS	KEMET	109.6680	1
NONE	RES.FX MFLM 328 OHM .5% 1/10W T2	RN55C3280D	ENOX	110.3281	1
NONE	RES. FX MFLM 953 OHM 1% 1/10W T2	RN55C9530F	UMCEM	110.9531	1
NONE	RES.FX MFLM 1.00K 1% 1/10W T2	RN55C1001F	UMCEM	111.1001	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-LP | ASSEMBLY NO. 004.0755 | REV G

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES.FX MFLM 1.938K .1% 1/8W T0	HA55 100PPM	HYMEG	111.1939	1
NONE	RES.FX MFLM 2.15K 1% 1/10W T2	RN55C2151F	UMCEM	111.2151	1
NONE	RES.FX MFLM 2.21K 1% 1/10W T2	RN55C2211F	UMCEM	111.2211	1
NONE	RES.FX MFLM 2.265K .1% 1/8W T0	HA55 100PPM	HYMEG	111.2269	1
NONE	RES.FX MFLM 3.40K 1% 1/10W T2	RN55C3401F	UMCEM	111.3401	1
NONE	RES.FX MFLM 3.404K .5% 1/8W T0	CR125 100PPM	CTLRE	111.3408	1
NONE	RES.FX MFLM 3.876K .1% 1/8W T0	HA55 100PPM	HYMEG	111.3879	1
NONE	RES.FX MFLM 4.32K 1% 1/10W T2	RN55C4321F	UMCEM	111.4321	1
NONE	RES.FX MFLM 4.42K 1% 1/10W T2	RN55C4421F	UMCEM	111.4421	1
NONE	RES.FX MFLM 4.530K .1% 1/8W T0	HA55 100PPM	HYMEG	111.4539	1
NONE	RES. FX MFLM 5.56K .5% 1/10W T2	RN55C5561D	ENOX	111.5561	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-LP | ASSEMBLY NO. 004.0755 | REV G

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES.FX MFLM 5.84K 1% 1/8W T0	CR125	CTLRE	111.5840	1
NONE	RES. FX MFLM 6.808K .5% 1/8W T0	CR125	CTLRE	111.6808	1
NONE	RES. FX MFLM 7.752K .1% 1/8W T0	HA55 100PPM	HYMEG	111.7759	1
NONE	RES. FX MFLM 9.059K .1% 1/8W T0	HA55 100PPM	HYMEG	111.9059	1
NONE	RES.FX MFLM 10.0K 1% 1/10W T2	RN55C1002F	UMCEM	112.1001	1
NONE	RES.FX MFLM 11.7K 1% 1/8W T0	CR125 100PPM	CTLRE	112.1170	1
NONE	RES.FX MFLM 13.62K .5% 1/8W T0	CR125 100PPM	CTLRE	112.1368	1
NONE	RES.FX MFLM 14.7K 1% 1/10W T2	RN55C1472F	UMCEM	112.1471	1
NONE	RES.FX MFLM 15.4K 1% 1/10W T2	CR125 50PPM	CTLRE	112.1541	1
NONE	RES.FX MFLM 15.50K .1% 1/8W T0	HA55 100PPM	HYMEG	112.1559	1
NONE	RES.FX MFLM 18.12K .1% 1/8W T0	HA55 100PPM	HYMEG	112.1819	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-LP | ASSEMBLY NO. 004.0755 | REV G

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES.FX MFLM 19.38K .1% 1/8W T0	HA55 100PPM	HYMEG	112.1939	1
NONE	RES.FX MFLM 22.65K .1% 1/8W T0	HA55 100PPM	HYMEG	112.2269	1
NONE	RES.FX MFLM 23.4K 1% 1/8W T0	RN55C2342F	ENOX	112.2340	1
NONE	RES.FX MFLM 27.23K .5% 1/8W T0	CR125 100PPM	CTLRE	112.2728	1
NONE	RES MF FIX. VALUE 0.5% 50PPM RN55 SIZE	RN55C3052D	MIL	112.3051	1
NONE	RES.FX MFLM 34.04K .5% 1/8W T0	CR125 100PPM	CTLRE	112.3408	1
NONE	RES.FX MFLM 38.76K .1% 1/8W T0	HA55 100PPM	HYMEG	112.3879	1
NONE	RES. FX MFLM 45.30K .1% 1/8W T0	HA55 100PPM	HYMEG	112.4539	1
NONE	RES. FX MFLM 46.8K 1% 1/8W T0	CR125 100PPM	CTLRE	112.4680	1
NONE	RES. FX MFLM 58.4K 1% 1/8W T0	CR125 100PPM	CTLRE	112.5840	1
NONE	RES. FX MFLM 60.4 1% 1/10W T2	RN55C6042F	UMCEM	112.6041	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-LP | ASSEMBLY NO. 004.0755 | REV G

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES. FX MFLM 68.08K .5% 1/8W T0	CR125 100PPM	CTLRE	112.6808	1
NONE	RES. FX MFLM 77.52K .1% 1/8W T0	HA55 100PPM	HYMEG	112.7759	1
NONE	RES. FX MFLM 90.59K .1% 1/8W T0	HA55 100PPM	HYMEG	112.9059	1
NONE	RES.FX MFLM 100K 1% 1/10W T2	RN55C1003F	UMCEM	113.1001	1
NONE	RES.FX MFLM 117K 1% 1/8W T0	CR125 100PPM	CTLRE	113.1170	1
NONE	RES.FX MFLM 136.2K .5% 1/8W T0	CR125 100PPM	CTLRE	113.1368	1
NONE	RES.FX MFLM 155.0K .1% 1/8W T0	HA55 100PPM	HYMEG	113.1559	1
NONE	RES.FX MFLM 181.2K .1% 1/8W T0	HA55 100PPM	HYMEG	113.1819	1
NONE	RES.FX MFLM 200K 1% 1/10W T2	RN55C2003F	UMCEM	113.2001	1
NONE	RES.FX MFLM 234K 1% 1/8W T0	CR125 100PPM	CTLRE	113.2340	1
NONE	RES.FX MFLM 272.3K .5% 1/8W T0	HA55 100PPM	HYMEG	113.2728	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 751-LP | ASSEMBLY NO. 004.0755 | REV G

NOTE: UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES	DRAWN	DATE	WAVETEK SAN DIEGO, CALIFORNIA
MATERIAL	PROJ ENGR		TITLE: PARTS LIST MAINBOARD ASSY
	RELEASE APPROV		
FINISH WAVETEK PROCESS	TOLERANCE UNLESS OTHERWISE SPECIFIED .XXX ±.010 ANGLES ±1 .XX ±.030		
	DO NOT SCALE DWG		MODEL NO 751 / DWG NO 004.0755 / REV G
	SCALE		CODE IDENT 23338 / SHEET 1 OF 2

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REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES, FX MFLM 468K 1% 1/8W TO	CR125 100PPM	CTLRE	113.4680	1
NONE	RES,FX CFLM 10 OHM 5% 1/4W			116.0101	1
NONE	RES,FX CFLM 47 OHM 5% 1/4W			116.0471	1
NONE	RES,FX CFLM 82 OHM 5% 1/4W			116.0821	1
NONE	RES,FX CFLM 100 OHM 5% 1/4W			116.1101	1
NONE	RES FX CFLM 1.0K OHM 5% 1/4W			116.2101	1
NONE	RES,FX CFLM 10K OHM 5% 1/4W			116.3101	1
NONE	RES,FX CFLM 1.0M OHM 5% 1/4W			116.5101	1
NONE	RES,FX CFLM 4.7 OHM 5% 1/4W			116.9471	1
NONE	RES, VAR CMT 500 OHM 3/8SQ FM	72PR500	BECK	118.1503	1
NONE	RES, VAR CMT 1.0K 3/8SQ FM	72PR1K	BECK	118.2102	1

WAVETEK PARTS LIST	TITLE: MAINBOARD ASSY 751-LP	ASSEMBLY NO.: 004.0755	REV: G

PAGE 7

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RELAY: REED DIP 1A W/DIODE 5V	1503-8-1	WABSH	175.1505	1
NONE	RELAY: REED DIP 2A W/DIODE 5V	1503-7-1	WABSH	175.1507	1
NONE	CONN, PLUG: HDR 26P DIL RT ANG ST LK	3429-1002&3505-2	3M	352.2601	1
NONE	SOCKET: IC 14PIN DIP ST			353.1403	1
NONE	CONN: 8PIN R/A HDR F/L 9751081	09-75-1081	MOLEX	354.0020	1
NONE	CONN: 2PIN R/A HDR F/L 9751021	09-75-1021	MOLEX	354.0022	1
E2 E3 E4	CONN, PLUG: SHORTING (LOW PROF)	4612872-01-03-10	CTC	352.0202	3
NONE	SOCKET: JMPR (USE W/352.0202)	4303327-01-0300	CTC	353.0104	6
NONE	SPACER: NYL SNAP-BTN (MB1-156)	MB-1-156	P&MC	376.2109	7
NONE	WIRE: BUSS TINNED #22GA			378.0601	.4
NONE	SLVNG: PLASTIC FBRGLS #22AWG			378.5221	.2

WAVETEK PARTS LIST	TITLE: MAINBOARD ASSY 751-LP	ASSEMBLY NO.: 004.0755	REV: G

PAGE 9

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES, VAR CMT 5.0K 3/8SQ FM	72PR5K	BECK	118.2502	1
NONE	RES, VAR CMT 100K 3/8SW FMHY 18T	68PR100K	BECK	118.4104	1
NONE	U: LIN BIFET OP-AMP DIL LF351	LF351N	NSC	120.1017	1
NONE	U: LIN OP-AMP DIL (NE5534A)	SA5534AN	SIG	120.1018	1
NONE	U: LIN OP AMP (LF357H)	LF357H	NSC	120.1019	1
NONE	U: QUAD ANAL VOLT COMP (LM339)	LM339N	MOT	120.3339	1
NONE	ASSY, PC BD PREPPED 751-0755	751-2445	WVTK	1208-00-2445	1
NONE	CO5 U: RES NET 2.2K OHM 1% XB	4116R-001-2.2K	BOURN	128.2223	1
NONE	SL ZR 5.1V 5% 400MW (1N751A)			131.9510	1
NONE	SL LW LK 70PIV 200MW (1N457)			132.0457	1
NONE	Q: SIL PNP (2N4249)			136.4249	1
NONE	L: FXD 1 MHY +/-10% SHLD	1641-105	DELVN	150.2100	1

WAVETEK PARTS LIST	TITLE: MAINBOARD ASSY 751-LP	ASSEMBLY NO.: 004.0755	REV: G

PAGE 8

NOTE: UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES	DRAWN	DATE	WAVETEK SAN DIEGO, CALIFORNIA
MATERIAL	PROJENGR		TITLE: PARTS LIST MAIN BOARD ASSEMBLY
	RELEASE APPROV		
FINISH WAVETEK PROCESS	TOLERANCE UNLESS OTHERWISE SPECIFIED XXX ± .010 ANGLES ± 1 XX ± .030		
	DO NOT SCALE DWG		MODEL NO: 751 DWG NO: 004.0755 REV: G
	SCALE		CODE IDENT: 23338 SHEET 2 OF 2

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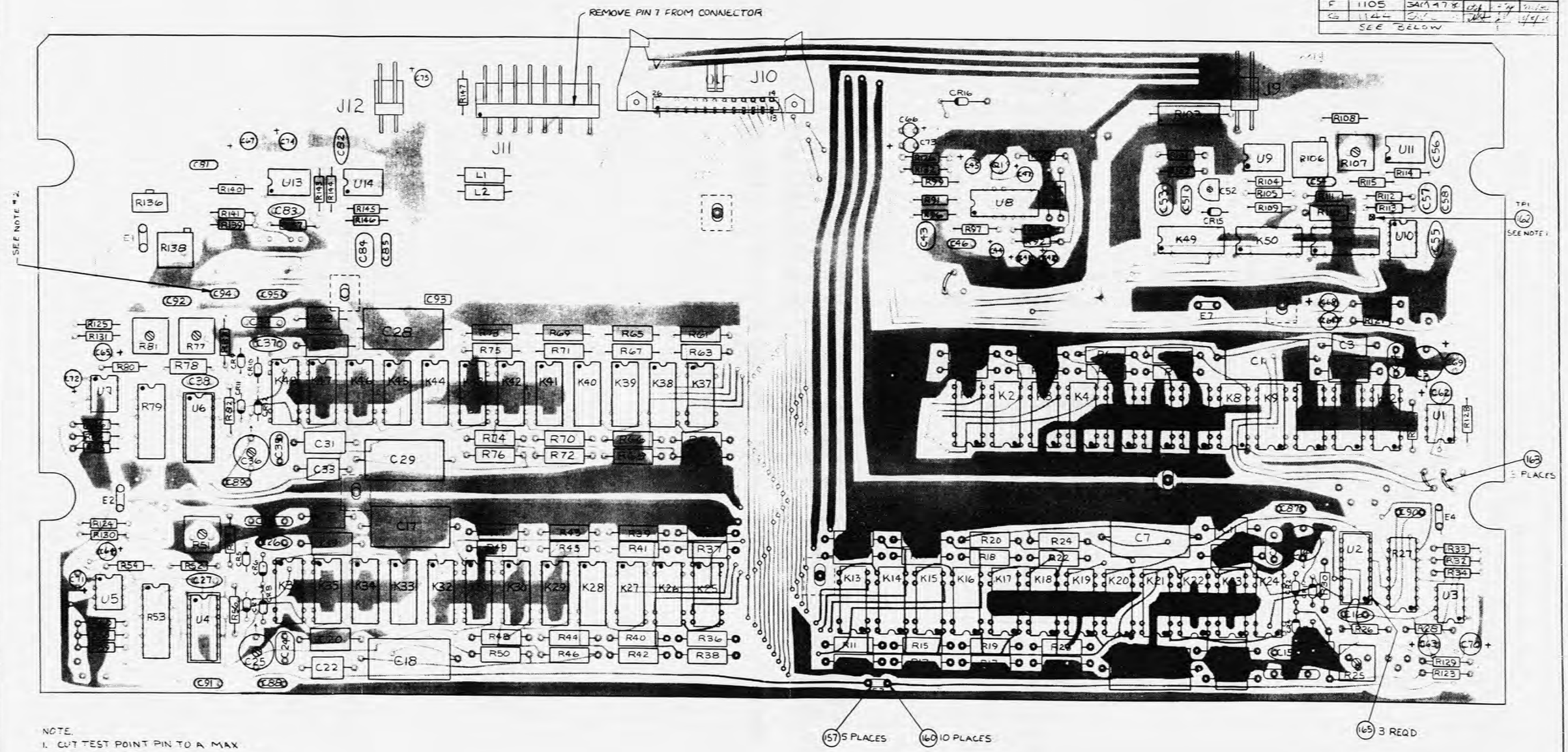
LTR	ECO NO.	CHANGED BY	APPV'D BY		DATE
A	RELEASE				
B	1002	M. McMINN			
C	1062	B. THANOS	LDA	L.A.T	7-16-79
D	1072	T.H. 8-8-79	BDA	L.A.T	8-9-79
E	1183A	SR	[illegible]		10/24/81
F	1690	[illegible]	[illegible]		5/20/82

NOTES:
1. C81 IS A 12pf CAP (NOMINAL) INSTALLED IN PRODUCTION. TEST WILL SELECT NEW CAP VALUE IF REQUIRED.
2. LF347N SELECTED IN TEST.
3. C93, C94, & C95 SELECTED IN TEST.
4. CONNS J13 & J14 ARE NOT USED ON THIS OPTION.

DRAWN BY: M. McMINN	DATE	ROCKLAND Rockland Systems Corporation
CHECKED BY:		Confidential property of ROCKLAND SYSTEMS CORP. not to be disclosed to others, reproduced or used for any purpose except as authorized in writing by above.
ENG. APPVL.	7/16/79	
MFG. APPVL. Lewis A Tarr	7/16/79	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005, .XX ± .01, X/x ± 1/64, ∠° ± 1°		TITLE: 752 MAIN BOARD ASSEMBLY SCHEMATIC DIAGRAM
SIZE D	DRAWING NO. 03 004 0750	REV F
SCALE NONE	SHEET 1 OF 1	

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LTR	ECO NO.	CHANGED BY	APPV'D BY		DATE
A	RELEASE				
B	1002	M. McMINN			
C	1040	M. McMINN			
D	077	[illegible] 8-8-79			
E	1074	JB 12-4-79			
F	1105	JAM 1-4-78			
G	1140	[illegible]			
SEE BELOW					



NOTE.
1. CUT TEST POINT PIN TO A MAX HEIGHT OF 3/8"
2. C93, C94 & C95 ARE TO BE SELECTED AND INSTALLED IN TEST STAGE.

LTR	ECO NO.	CHANGED BY	APPV'D BY		DATE
H	1150	TC 12-15-80	[illegible]	L TAG	1/2/81
J	1189-1189A	TC 3-5-81	[illegible]	L TAG	6-9-81
K	1690	[illegible] 8/20/81	[illegible]		9/30/81
L	2124	SM 5/13/86		[illegible]	5/13/86
M	7765	SD 12-2-86	KBB		12/8/86

DRAWN BY M. McMINN DATE 3-6-79
CHECKED BY
ENG APPVL. RA 3-7-79
MFG APPVL. L A TAG 3-7-79
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE .XXX ± .005 .XX ± .01 X/x ± 1/64 ∠° ± 1°

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TITLE: ASSEMBLY 752A FILTER BOARD

SIZE D | DRAWING NO 02-004-0750 | REV V | SCALE 2:1 | SHEET 1 OF 2

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LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
A	RELEASE		RAC	LAT	11/4/79
B	1035	M. McMINN	RAC	LAT	5/6-79
C	1082	JB 12-10-79	RAC	LAT	12/19/79

TO J10B
J19

TO J10A
J18

J19-12 (GOLD COM.)
J19-17 (GOLD COM.)
J21-35 (UNUSED)
+5V - TYP.
J20-17
J19-17
75451
J21-16
+5V TYP.

U17 U16 U16 U21 U20 U20 U19 U19 U18 U18 U17 U23 U22 U22 U21
U25 U25 U24 U28 U27 U27 U26 U26 U30 U24 U23 U30 U29 U29 U28

U1 10K x9
U2 10K x9
U3 10K x9
U4 10K x9
U5 10K x9
U6 10K x9
U7 10K x9
U8 10K x9
U9 10K x9
U10 10K x9
U11 10K x9
U12 10K x9

74 LS373 U31
74 LS373 U32
74 LS373 U33
74 LS373 U34

U13 TIL 112
U14 TIL 112
U15 75451
U35 7406

R1 10K
R2 10K
R3 10K
R4 10K
R5 10K
R6 10K
R7 10K
R8 10K
R9 10K
R10 10K
R11 150Ω
R12 150Ω
R13 10K

J17 J20

RT. FRONT PANEL
LOCAL LIGHT
REMOTE LIGHT

C1-C13 .1 50V

J20 FROM P10B
J21
J19 TO J10B
J21 TO REMOTE INPUT
J20-13
J19-13
J17-13
J18-13
LOAD A1
LOAD A2
J21 TO REMOTE INPUT
J17 FROM P10A
J18 TO J10A
J21

DRAWN BY: M. McMINN — DATE 5/8/79
CHECKED BY:
ENG. APPVL.: R.A.C. — 11/4/79
MFG. APPVL.: Louis B. Tom — 7/4/79

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE:
.XXX ±
.XX ±
X/x ± 1/64
∠° ± 1°

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TITLE: 751/752 B.C.D. INTERFACE SCHEMATIC

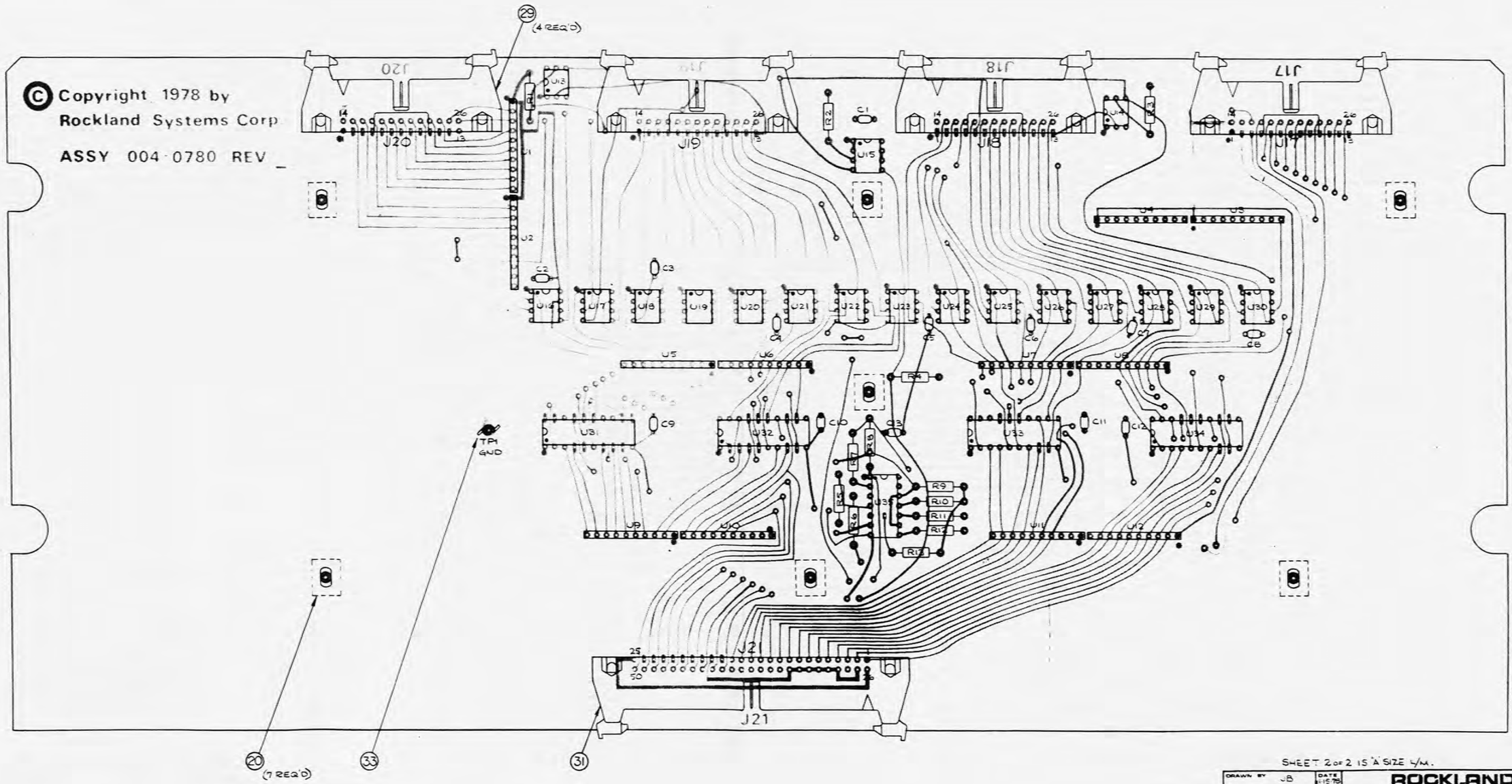
SIZE D | DRAWING NO. 03 004 0780 | REV C
SCALE | SHEET 1 OF 1

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LTR	ECO NO.	CHANGED BY	APPVD BY	DATE
A	RELEASE			
B	1082	JB	12 11 79	

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ASSY 004-0780 REV _



SHEET 2 OF 2 IS A SIZE 4/M.

DRAWN BY JB	DATE 11-15-78	ROCKLAND Rockland Systems Corporation
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ENG APPVL		
MFG APPVL		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE .XXX ± .005 .XX ± .01 X/x ± 1/64 ∠° ± 1°		TITLE 751/752 BCD INTERFACE PCB ASSY.
SIZE D	DRAWING NO 02-004-0780	REV B
SCALE 2:1	SHEET 1 OF 2	

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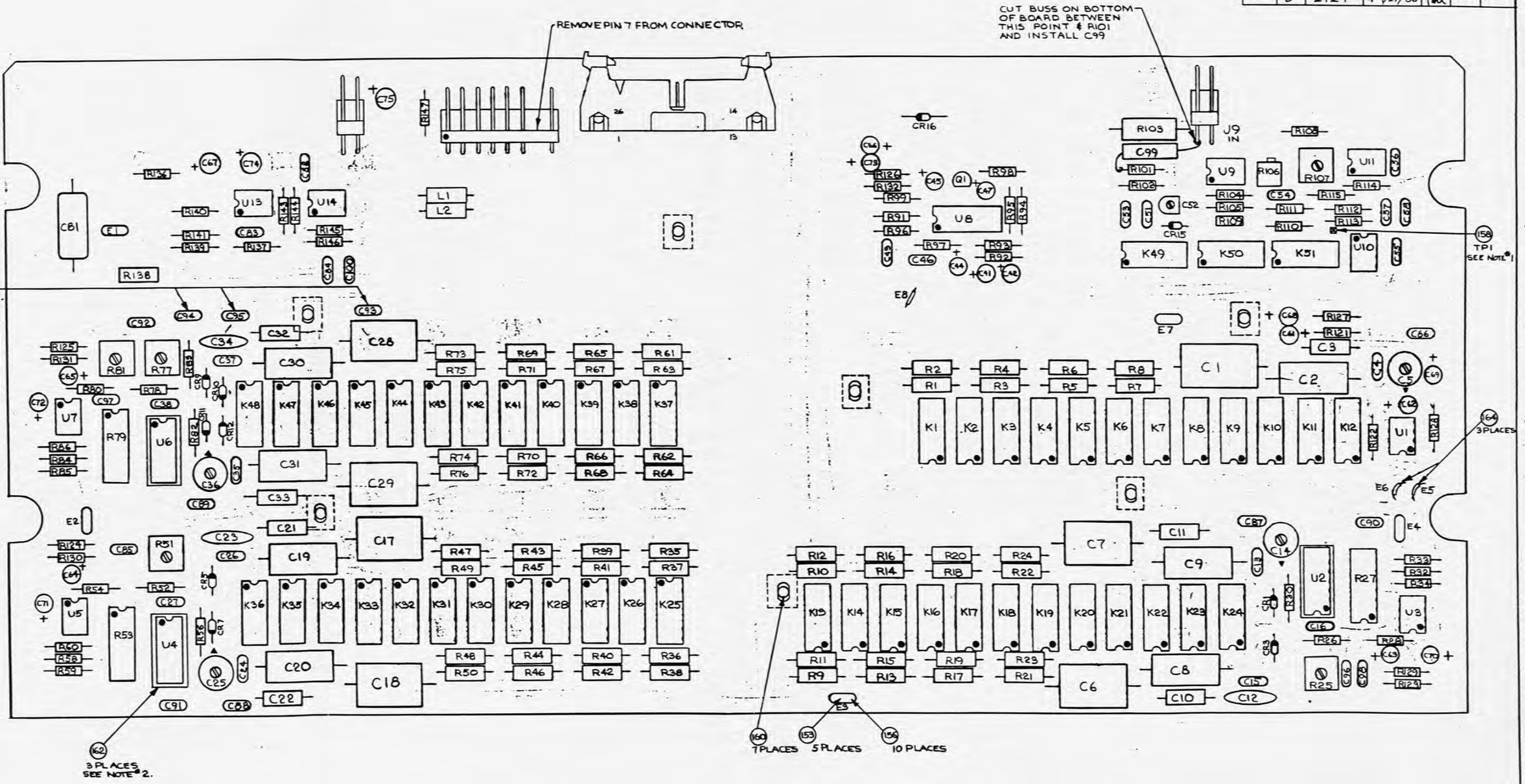
LTR	ECO NO	CHANGED BY	APPV'D BY	DATE
A	RELEASE			3-24-82
B	1674	IM.MCMINN		7-14-82

NOTES:
1) CONNS. J14 & J13 ARE NOT USED ON THIS OPTION
2) SELECTED IN TEST
3) C93, C94, & C95, ARE SELECTED IN TEST

DRAWN BY		DATE	ROCKLAND Rockland Systems Corporation
CHECKED BY			Confidential property of ROCKLAND SYSTEMS CORP. not to be disclosed to others, reproduced or used for any purpose except as authorized in writing by above.
ENG APPVL			
MFG APPVL			
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE .XXX ± .005 .XX ± .01 .X ± 1/64 ∠° ± 1°			TITLE ELEC. SCHEM. 753AHP MAINBOARD
			SIZE D DRAWING NO. 03 0014 0753 REV E
			SCALE SHEET OF

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ZONE	LTR	ECO NO	CHANGED BY	APPR'D. BY		DATE
	A	RELEASE				
	B	1394	NP 8/13/82			
	C	1674	M.McMINN			
	D	2124	NP 9/29/86			



NOTES:
1-CUT TEST POINT TO MAX. HEIGHT OF 3/8".
2-U2,U4, &U6 ARE MOUNTED IN SOCKETS, ITEM #162.
3-C93,C94, & C95 ARE TO BE SELECTED & INSTALLED IN THE TEST STAGE

DR	J.P.	DATE 3-15-82
CHKD		3/29/82
ENG.		3/26/82
MFG. [illegible]		3/29/82
ISSUED		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE
.XX ± .064 | .XXX ± .005 | FR ± .01 | ∠ ± 1°
MAT: —
FIN —

WAVETEK ROCKLAND Wavetek Rockland, Inc.

ASSEMBLY 753A HP FILTER BOARD

SIZE	MODEL NO	DRAWING NO	REV
D	753A	02-004-0753	D
SCALE 2:1	CODE IDENT 23338	SHEET 1 OF 4	

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REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
C99	FX PLSTR .47UF 5% 100V	A11B474J	BISHO	105.4470	1
U2 U4 U6	U: GD LIN BIFET OP-AMP (LF347)	LF347N	NSC	120.2047	3
NONE	FX MOND .01UF +80 -20% 50V	SR215E103ZAT	AVX	100.3105	1
NONE	CAP MICA FX VA DIP 12PF 5% 200 PPM/C 500V	CM05CD120J03	CDE	101.0120	1
NONE	CAP MICA FX VAL DIP 15PF 5% 200 PPM/C 500V	CM05CD150J03	CDE	101.0150	1
NONE	CAP MICA FX VAL DIP 18PF 5% 200 PPM/C 500V	CM05CD180J03	CDE	101.0180	1
NONE	CAP MICA FX VAL DIP 22PF 5% -20+100PPM/C 500V	CM05ED220J03	CDE	101.0220	1
NONE	CAP MICA FX VAL DIP 30PF 5% -20+100PPM/C 500V	CM05ED300J03	CDE	101.0300	1
NONE	CAP MICA FX VAL DIP 47PF 5% -20+100PPM/C 500V	CM05ED470J03	CDE	101.0470	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D | PAGE 1

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	FX PLYCRB 1.0UF -.5+0% 100V	MPABPC0105E	AMRAD	104.5103	1
NONE	FX PLSTR .47UF 5% 100V	A11B474J	BISHO	105.4470	1
NONE	VAR CER 3.5-18PF 250V	9373	JACO	108.0180	1
NONE	VAR CER 15-60PF	538-011-F	MILGY	108.0600	1
NONE	FX TANT .10UF 20% 35V	T368A104M035AS	KEMET	109.4100	1
NONE	FX TANT 10UF 20% 20V	T368B106M025AS	KEMET	109.6100	1
NONE	FX TANT 68UF 20% 6V	T368B686M006AS	KEMET	109.6680	1
NONE	RES.FX MFLM 328 OHM .5% 1/10W T2	RN55C3280D	ENOX	110.3281	1
NONE	RES. FX MFLM 681 OHM 1% 1/8W TO	RN55C6810F	UMCEM	110.6810	1
NONE	RES. FX MFLM 9009 OHM 1% 1/10W T2	RN55C9090F	JMAR	110.9091	1
NONE	RES.FX MFLM 1.00K 1% 1/10W T2	RN55C1001F	UMCEM	111.1001	1
NONE	RES.FX MFLM 1.169K .5% 1/8W TO	CR125 100PPM	CTLRE	111.1168	1
NONE	RES.FX MFLM 1.36K 1% 1/8W TO	NA	NA	111.1360	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D | PAGE 3

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES.FX MFLM 4.32K 1% 1/10W T2	RN55C4321F	UMCEM	111.4321	1
NONE	RES.FX MFLM 4.42K 1% 1/10W T2	RN55C4421F	UMCEM	111.4421	1
NONE	RES.FX MFLM 4.675K .5% 1/8W TO	HA55 100PPM	HYMEQ	111.4678	1
NONE	RES. FX MFLM 5.45K 1% 1/8W TO	CR125	CTLRE	111.5450	1
NONE	RES. FX MFLM 5.56K .5% 1/10W T2	RN55C5561D	ENOX	111.5561	1
NONE	RES. FX MFLM 6.81K 1% 1/10W T2	RN55C6811F	UMCEM	111.6811	1
NONE	RES. FX MFLM 7.027K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.7028	1
NONE	RES. FX MFLM 8.212K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.8219	1
NONE	RES. FX MFLM 8.98K .5% 1/10W T2	RN55C8981D	KAGAN	111.8981	1
NONE	RES. FX MFLM 9.351K .5% 1/8W TO	CR125 100PPM	CTLRE	111.9358	1
NONE	RES.FX MFLM 11.69K .5% 1/8W TO	CR125 100PPM	CTLRE	112.1168	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D | PAGE 5

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	CAP FX VAL.DP MICA 150PF 5% 0 TO +70PPM/C 500V	CM05FD151J03	CDE	101.1150	1
NONE	CAP FX VAL.DP MICA 200PF 5% 0 TO +70PPM/C 500V	CM05FD201J03	CDE	101.1200	1
NONE	CAP FX VAL.DP MICA 240PF 5% 0 TO +70PPM/C 500V	CM05FD241J03	CDE	101.1240	1
NONE	CAP FX VAL.DP MICA 300PF 5% 0 TO +70PPM/C 500V	CM05FD301J03	CDE	101.1300	1
NONE	CAP MICA FX VAL DIP 910PF 1% 0 TO+70PPM/C 100V	CD15FA911F03	CDE	101.1910	1
NONE	CAP MICA FX VAL DIP 100PF 1% 0 TO+70PPM/C500V	CM06FD102F03	CDE	101.2101	1
NONE	FX PLYSTY .01UF -.5+0%	PSBPC0103E	AMRAD	104.3106	1
NONE	FX PLYSTY 0.1UF -.5+0% 50V	PSW0104E	AMRAD	104.4106	1
NONE	FX PLYSTY 0.1UF 50V SET	PSW0104F-MS	AMRAD	104.4107	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D | PAGE 2

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES.FX MFLM 1.37K 1% 1/8W TO	RN55C1371F	UMCEM	111.1370	1
NONE	RES.FX MFLM 1.757K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.1758	1
NONE	RES.FX MFLM 2.053K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.2059	1
NONE	RES.FX MFLM 2.15K 1% 1/10W T2	RN55C2151F	UMCEM	111.2151	1
NONE	RES.FX MFLM 2.338K .5% 1/8W TO	HA55 100PPM	HYMEQ	111.2338	1
NONE	RES.FX MFLM 2.40K 5% 2W 200PPM	FP42 2.4K 5% 2W 200PPM	CORNC	111.2403	1
NONE	RES.FX MFLM 2.72K 1% 1/8W TO	CR125 100PPM	CTLRE	111.2720	1
NONE	RES.FX MFLM 3.40K 1% 1/10W T2	RN55C3401F	UMCEM	111.3401	1
NONE	RES.FX MFLM 3.513K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.3518	1
NONE	RES.FX MFLM 3.57K 1% 1/10W T2	RN55C3571F	UMCEM	111.3571	1
NONE	RES.FX MFLM 4.106K .1% 1/8W TO	HA55 100PPM	HYMEQ	111.4109	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D | PAGE 4

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES.FX MFLM 13.6K 1% 1/8W TO	CR125 100PPM	CTLRE	112.1360	1
NONE	RES.FX MFLM 14.05K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.1408	1
NONE	RES.FX MFLM 14.7K 1% 1/10W T2	RN55C1472F	UMCEM	112.1471	1
NONE	RES.FX MFLM 15.4K 1% 1/10W T2	CR125 50PPM	CTLRE	112.1541	1
NONE	RES.FX MFLM 16.42K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.1649	1
NONE	RES.FX MFLM 17.57K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.1758	1
NONE	RES.FX MFLM 20.5K 1% 1/8W TO	RN55C2052F	UMCEM	112.2050	1
NONE	RES.FX MFLM 20.53K .1% 1/8W TO	HA55 100PPM	HYMEQ	112.2058	1
NONE	RES.FX MFLM 23.38K .5% 1/8W TO	CR125 100PPM	CTLRE	112.2338	1
NONE	RES.FX MFLM 27.2K 1% 1/8W TO	CR125 100PPM	CTLRE	112.2720	1
NONE	RES MF FIX. VALUE 0.5% 50PPM RN55 SIZE	RN55C3052D	MIL	112.3051	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D | PAGE 6

NOTE: UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES | MATERIAL | FINISH WAVETEK PROCESS | DRAWN | DATE | PROJ ENGR | RELEASE APPROV | TOLERANCE UNLESS OTHERWISE SPECIFIED XXX ±.010 ANGLES ±1 XX ±.030 | DO NOT SCALE DWG | SCALE

WAVETEK SAN DIEGO, CALIFORNIA

TITLE: PARTS LIST MAINBOARD ASSY

MODEL NO.	DWG NO.	REV
753	004.0753	D

CAGE CODE 23338 | SHEET 1 OF 2

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REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES. FX MFLM 35.13K .1% 1/8W TO	HA55 100PPM	HYMEG	112.3518	1
NONE	RES. FX MFLM 41.06K .1% 1/8W TO	HA55 100PPM	HYMEG	112.4108	1
NONE	RES. FX MFLM 46.75K .5% 1/8W TO	CR125 100PPM	CTLRE	112.4678	1
NONE	RES. FX MFLM 54.5K 1% 1/8W TO	CR125 100PPM	CTLRE	112.5450	1
NONE	RES. FX MFLM 60.4 1% 1/10W T2	RN55C6042F	UMCEM	112.6041	1
NONE	RES. FX MFLM 70.27K .1% 1/8W TO	HA55 100PPM	HYMEG	112.7028	1
NONE	RES. FX MFLM 82.12K .1% 1/8W TO	HA55 100PPM	HYMEG	112.8218	1
NONE	RES. FX MFLM 93.51K .5% 1/8W TO	CR125 100PPM	CTLRE	112.9358	1
NONE	RES. FX MFLM 100K 1% 1/10W T2	RN55C1003F	UMCEM	113.1001	1
NONE	RES. FX MFLM 140.5K .1% 1/8W TO	HA55 100PPM	HYMEG	113.1408	1
NONE	RES. FX MFLM 164.2K .1% 1/8W TO	HA55 100PPM	HYMEG	113.1648	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	RES. VAR CMT 1.0K 3/8SQ EM	72XR1K	BECK	118.2101	1
NONE	RES. VAR CMT 1.0K 3/8SQ FM	72PR1K	BECK	118.2102	1
NONE	RES. VAR CMT 5.0K 3/8SQ FM	72PR5K	BECK	118.2502	1
NONE	RES. VAR CMT 100K 3/8SW FMHY 18T	68PR100K	BECK	118.4104	1
NONE	RES. FX MFLM 90.9 OHM 1% 1/10W T2	RN55C90R9F	KAGAN	119.9091	1
NONE	U: LIN BIFET OP-AMP DIL LF351	LF351N	NSC	120.1017	1
NONE	U: LIN OP-AMP DIL (NE5534A)	SA5534AN	SIG	120.1018	1
NONE	U: QUAD ANAL VOLT COMP (LM339)	LM339N	MOT	120.3339	1
NONE	ASSY, PC BD PREPPED 753-0753	753-2469	WVTK	1208-00-2469	1
NONE	CO5 U: RES NET 2.2K OHM 1% X8	4116R-001-2.2K	BOURN	128.2223	1
NONE	CO5 U: RES NET 10K OHM 1% X8	698-3-R10K-F	BECK	128.3103	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	CONN: 8PIN R/A HDR F/L 9751081	09-75-1081	MOLEX	354.0020	1
NONE	CONN: 2PIN R/A HDR F/L 9751021	09-75-1021	MOLEX	354.0022	1
E1 E2 E3 E4 E7	CONN, PLUG: SHORTING (LOW PROF)	4612872-01-03-10	CTC	352.0202	5
NONE	SOCKET: JMPR (USE W/352.0202)	4303327-01-0300	CTC	353.0104	10
TP1	CONN: TERM PIN .025 WW (NAIL)	W98-025-360-GH-GOLD	A/S	354.0003	1
NONE	SPACER: NYL SNAP-BTN (MB1-156)	MB-1-156	P&MC	376.2109	7
NONE	WIRE: BUSS TINNED #22GA			378.0601	.3
NONE	SLVNG: PLASTIC FBRGLS #22AWG			378.5221	.2

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	SL ZR 5.1V 5% 400MW (1N751A)			131.9510	1
NONE	QER 120PIV 100MA (1N277)			132.0277	1
NONE	SL LW LK 70PIV 200MW (1N457)			132.0457	1
NONE	Q: SIL PNP (2N4249)			136.4249	1
NONE	Q: DL MATCH FET (NPD-5566)	NPD-5566	NSC	138.5566	1
NONE	L: FXD 1 MHY +/-10% SHLD	1641-105	DELVN	150.2100	1
NONE	RELAY: REED DIP 1A W/DIODE 5V	1503-8-1	WABSH	175.1505	1
NONE	RELAY: REED DIP 1C W/DIODE 5V	815-244-11	WABSH	175.1506	1
NONE	RELAY: REED DIP 2A W/DIODE 5V	1503-7-1	WABSH	175.1507	1
NONE	CONN, PLUG: HDR 26P DIL RT ANG ST LK	3429-1002&3505-2	3M	352.2601	1
NONE	SOCKET: IC 14PIN DIP ST			353.1403	1

WAVETEK PARTS LIST | TITLE: MAINBOARD ASSY 753 (H-P/FB) | ASSEMBLY NO. 004.0753 | REV D

NOTE: UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES | MATERIAL | FINISH WAVETEK PROCESS | DRAWN | DATE | PROJ ENGR | RELEASE APPROV | TOLERANCE UNLESS OTHERWISE SPECIFIED XXX ±.010 ANGLES ± XX ±.030 | DO NOT SCALE DWG | SCALE

WAVETEK SAN DIEGO • CALIFORNIA

TITLE: PARTS LIST MAIN BOARD ASSEMBLY

MODEL NO: 753 | DWG NO: 004.0753 | REV D | CODE IDENT 23338 | SHEET 2 OF 2

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REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	FX MOND 0.1UF 50V Z5U	SR215E104ZAT	AVX	100.4102	1
NONE	RES.FX CFLM 150 OHM 5% 1/4W			116.1151	1
NONE	RES.FX CFLM 10K OHM 5% 1/4W			116.3101	1
NONE	U: DUAL PRPHL DRIVER (75451)	SN75451BN/P3	TI	120.4451	1
NONE	U: OPTO-ISOLATOR (TIL-112)	TIL-112	TI	120.9112	1
NONE	ASSY, PC BD PREPPED 751-752-01-0780	751-752-01-2715	WVTK	1208-00-2715	1
NONE	U: HEX INVERT DRIVER O/C			122.7406	1
NONE	U: 8 BT LATCH 3-ST (74LS373)	74LS373NP3	SIG	125.0147	1
NONE	U: PULL UP NET 10K 2% X9 SIP	110A103	AB	128.3104	1
NONE	CONN, PLUG: HDR 26P DIL RT ANG ST LK	3429-1002&3505-2	3M	352.2601	1
NONE	CONN, PLUG: HDR 50P DIL RT ANG ST LK	3433-1202	3M	352.5002	1
NONE	CONN: TERM. TEST POINT	61134-1	AMP	354.0027	1

WAVETEK PARTS LIST | TITLE: BCD INTERFACE ASSY 751/752 | ASSEMBLY NO. 004.0780 | REV B | PAGE 1

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	SPACER: NYL SNAP-BTN (MB1-156)	MB-1-156	P&MC	376.2109	7

WAVETEK PARTS LIST | TITLE: BCD INTERFACE ASSY 751/752 | ASSEMBLY NO. 004.0780 | REV B | PAGE 2

NOTE: UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES	DRAWN	DATE	WAVETEK SAN DIEGO, CALIFORNIA
MATERIAL	PROJENGR		TITLE: PARTS LIST BCD INTERFACE ASSY
	RELEASE APPROV		
FINISH WAVETEK PROCESS	TOLERANCE UNLESS OTHERWISE SPECIFIED XXX ±.010 ANGLES ±1 XX ±.030		
DO NOT SCALE DWG	MODEL NO. 751/752/753	DWG NO. 004.0780	REV B
SCALE	LEVEL IDENT 23338	SHEET 1 OF 1	

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REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	IEEE INTERFACE ASSY 751/752			004. 0785	1
NONE	CABLE ASSY: INT/FILT 751 (3")			009. 9782	1
NONE	CABLE ASSY: IEEE INTERFACE 751			009. 9783	1
NONE	CABLE ASSY: IEEE INTERFACE 751			009. 9785	1

WAVETEK PARTS LIST	TITLE: IEEE INTERFACE OPT. 02 751-2-3	ASSEMBLY NO. 000. 0785	REV A

PAGE 1

NOTE: UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES	DRAWN	DATE	WAVETEK SAN DIEGO • CALIFORNIA
MATERIAL	PROJ ENGR		TITLE: PARTS LIST IEEE INTERFACE OPTION 002
	RELEASE APPROV		
FINISH WAVETEK PROCESS	TOLERANCE UNLESS OTHERWISE SPECIFIED XXX ± .010 ANGLES ± 1 XX ± .030		
	DO NOT SCALE DWG	MODEL NO 751/752/753	DWG NO 000.0785 REV A
	SCALE	CODE IDENT 23338	SHEET 1 OF 1

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A	RELEASE			
B	1082	JB 12.11.79		

ON REAR PANEL (REF. ONLY) PADDLE BOARD 02-009-9785

DC-1 MSB LSB J27-3 SPARE J27-2 J27-1 J27-6 J27-5 J27-10

U51 10K x 9 — U46 9324 14 ADDRESS COMPARE

U52 — U53 — U54 — U55 — U47 82S100 — U48

U40 74LS04 x4

U50 74LS02 — U44 74LS00 — U45 74LS74 — U43 74LS109 — U41 74LS109

U49 74LS10 — U56 74LS08 — U57 7437 — U42 74LS32 — U35 74LS08

POWER ON RST — C22 5PF 4.7K R1 — C23 47PF 4.7K R2 — 74123 — U39 22SET

R7 2.7K — CR1 IN457 — C32 1UF

R3 470Ω — C19 470PF — R4 470Ω — R5 470Ω — R6 470Ω — C27 C25 C26 470PF x3

LISTEN ALWAYS — SHIELD — J27-4 — TO U18 PIN 10

	A	B	C
UNLIST	0	0	0
LISTEN	1	0	0
"	0	1	0
"	1	1	0
C	0	0	1
F	1	0	1
M	0	1	1
G	1	1	1

FROM FRONT PANEL J23 — J23-12 OVLD COM → J24-12; J23-13 OVLD IN → J24-13; J25-12 OVLD COM → J26-12; J25-13 OVLD IN → J26-13

FROM FRONT PANEL P10A J25 — J26 — J24

BSCLK BMCLK BFCLK AFCLK AMCLK ASCLK FILTER LOAD

U31 U32 U34 U33 U35 U36 U37 U38 — U24 U26 U23 U25 U28 U29 U27 U30 — 74LS373 74LS175

U16 U17 U18 U19 U20 U21 U22 10K x 9

75451 x 15 — U1 U2 U3 U4 U5 U6 U7 U8 U9 U10 U11 U12 U13 U14 U15

J24 TO FILTER BOARD J10B — J26 TO FILTER BOARD J10A — TO J27-4

R9 150Ω — R8 150Ω — RT FRONT PANEL — REMOTE LIGHT — LOCAL LIGHT — J23 J25

P27 J27

DRAWN BY: N.C. DATE 4-12-79
CHECKED BY:
ENG. APPV'L. 3/15/79
MFG. APPV'L. 3/15/79

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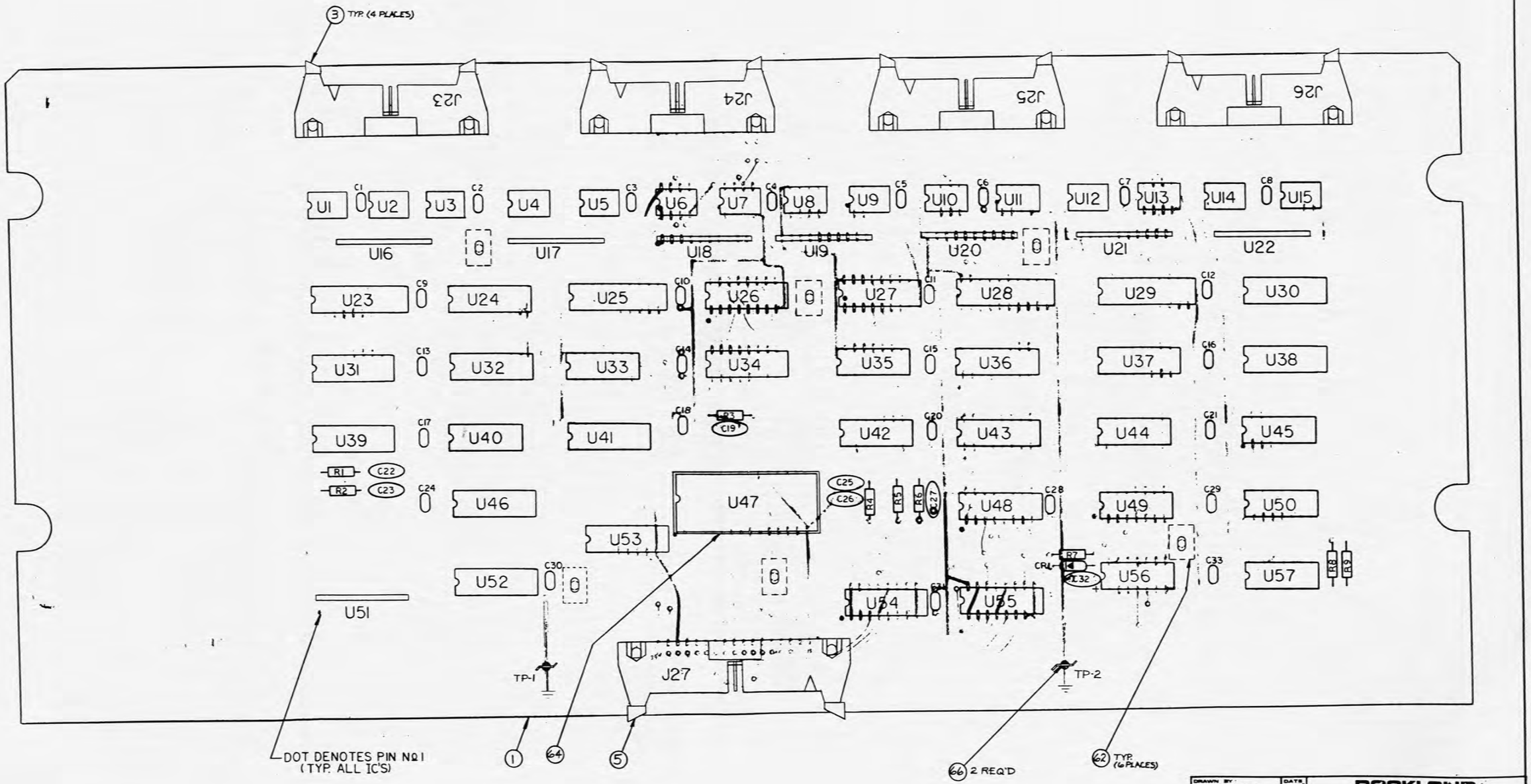
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TITLE 751/752 IEEE INTERFACE SCHEMATIC

SIZE D — DRAWING NO. 03 004-0785 — REV B — SCALE ~ — SHEET 1 OF 1

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LTR	ECO NO.	CHANGED BY	APPV'D BY		DATE
A	RELEASE		RAC	LAT.	3/15/79
B	1026	M.McMINN	RAC	LAT	3/30/79



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MFG APPVL: Louis A Tate	3/15/79	

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.XXX ± .005
.XX ± .01
X/x ± 1/64
∠° ± 1°

TITLE: ASSEMBLY 751/752
IEEE INTERFACE

SIZE	DRAWING NO	REV
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SCALE 2/1 SHEET 1 OF 3

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REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
U47	FPLA: PGMD 751/752			022.0004	1
NONE	FX MOND 0.1UF 50V Z5U	SR215E104ZAT	AVX	100.4102	1
NONE	CAP MICA FX VAL DIP 5PF+-0.5PF 200 PPM 500V	CM05CD050D0	CDE	101.0050	1
NONE	CAP MICA FX VAL DIP 47PF 5% -20+100PPM/C 500V	CM05ED470J03	CDE	101.0470	1
NONE	CAP FX VAL, DIP MICA 470PF 5% 0 TO+70PPM/C 500V	CD15FD471J03	CDE	101.1470	1
NONE	FX TANT 1.0UF 20% 35V	T368A105M035AC2513	KEMET	109.5100	1
NONE	RES, FX CFLM 150 OHM 5% 1/4W			116.1151	1
NONE	RES, FX CFLM 470 OHM 5% 1/4W			116.1471	1
NONE	RES, FX CFLM 4.7K OHM 5% 1/4W			116.2471	1
NONE	RES, FX CFLM 27K OHM 5% 1/4W			116.3271	1
NONE	U: IEEE BUS DRIVER (MC3448AL)	MC3448AL	MOT	120.4448	1

WAVETEK PARTS LIST	TITLE: IEEE INTERFACE ASSY 751/752	ASSEMBLY NO.: 004.0785	REV: B

PAGE 1

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	U: DUAL PRPHL DRIVER (75451)	SN75451BN/P3	TI	120.4451	1
NONE	ASSY, PC BD PREPPED 751-2-02-0785	751-2-02-2717	WVTK	1208-00-2717	1
NONE	U: DL MNSTBL MVBRTR (74123)	SN74123N/P3	TI	122.0107	1
NONE	U: 5 BIT COMPARATOR	N9324N/S2B	SIG	122.9324	1
NONE	U: QUAD D FLIP-FLOP (74LS175)	N74LS175N/S2B	SIG	125.0110	1
NONE	U: DL 2TO4 LN DECOD 74LS139	74LS139N/AT	NSC	125.0116	1
NONE	U: 8 BT LATCH 3-ST (74LS373)	74LS373NP3	SIG	125.0147	1
NONE	U: QUAD 2 IN NAND GATE	74LS00N/S2B	TI	125.7400	1
NONE	U: QUAD 2IN NOR GATE	74LS02N/S	TI	125.7402	1
NONE	U: HEX INVERTER	74LS04N/S2B	SIG	125.7404	1
NONE	U: QUAD 2 IN AND GATE			125.7408	1
NONE	U: TRIPLE 3 IN NAND GATE	74LS10N/S2B	SIG	125.7410	1
NONE	U: QUAD 2 IN OR GATE	74LS32N/S2B	SIG	125.7432	1

WAVETEK PARTS LIST	TITLE: IEEE INTERFACE ASSY 751/752	ASSEMBLY NO.: 004.0785	REV: B

PAGE 2

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	U: QUAD 2 IN NAND BUFFER	74LS37N/P3	TI	125.7437	1
NONE	U: BCD TO DECIMAL DECODER	74LS42PC	SIG	125.7442	1
NONE	U: DUAL TYPE D FLIP FLOP	74LS74N/P3	SIG	125.7474	1
NONE	U: PULL UP NET 10K 2% 9 SIP	110A103	AB	128.3104	1
NONE	SL LW LK 70PIV 200MW (1N457)			132.0457	1
NONE	CONN, PLUG: HDR 26P DIL RT ANG ST LK	3429-1002&3505-2	3M	352.2601	1
NONE	CONN, PLUG: HDR 34P DIL RT ANG ST LK	3431-1202	3M	352.3400	1
NONE	SOCKET: IC 28PIN DIP ST			353.2800	1
NONE	CONN: TERM. TEST POINT	61134-1	AMP	354.0027	1
NONE	SPACER: NYL SNAP-BTN (MB1-156)	MB-1-156	P&MC	376.2109	6

WAVETEK PARTS LIST	TITLE: IEEE INTERFACE ASSY 751/752	ASSEMBLY NO.: 004.0785	REV: B

PAGE 3

NOTE UNLESS OTHERWISE SPECIFIED

REMOVE ALL BURRS AND BREAK SHARP EDGES	DRAWN	DATE	WAVETEK SAN DIEGO, CALIFORNIA
MATERIAL	PROJ ENGR		TITLE: PARTS LIST IEEE INTERFACE ASSY
FINISH WAVETEK PROCESS	RELEASE APPROV		
	TOLERANCE UNLESS OTHERWISE SPECIFIED XXX ±.010 ANGLES ±1 XX ±.030		
DO NOT SCALE DWG	MODEL NO. 751/752/753	DWG NO. 004.0785	REV B
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A	RELEASE		[illegible]	[illegible]

J28-1	P27-16	J27-16
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-3	-20	-20
-4	-23	-23
-5	-24	-24
-6	-27	-27
-7	-28	-28
-8	-31	-31
-9	-32	-32
-10	-33	-33
-11	-34	-34
-12	DC-1 8 9	
-13	-9	-9
-14	-11	-11
-15	-13	-13
-16	-14	-14
-17	-18	-18
J28-18-24		
DC-1 7 10	-4	-4
6 11	-3	-3
5 12	-2	-2
4 13	-1	-1
3 14	-6	-6
2 15	-5	-5
1 16	-10	-10
	-7	-7
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	-12	-12
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	P27-30	J27-30

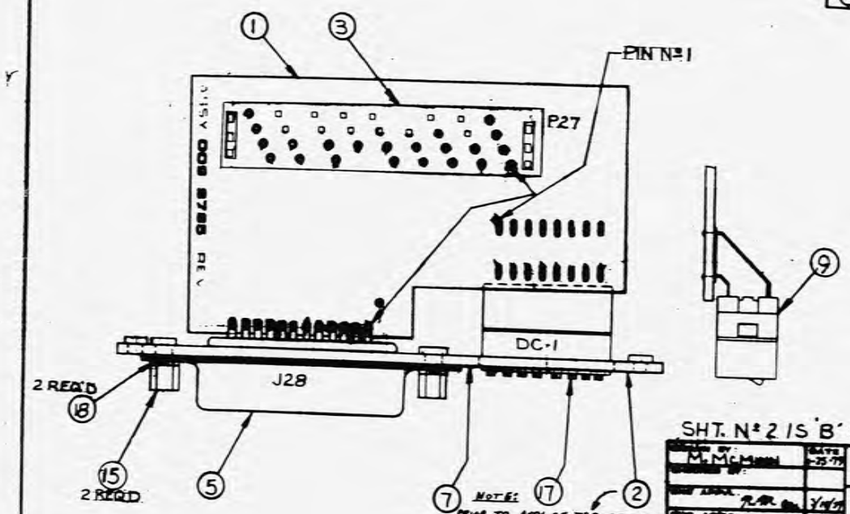
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ENG APPVL: [illegible]		
MFG APPVL: [illegible]		
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .XX ± X/x ± 1/64 ∠° ± 1°		TITLE: IEEE PADDLE BOARD SCHEMATIC -- 751 / 752
SIZE: C	DRAWING NO.: 03 009 9785	REV: A
SCALE: [illegible]	SHEET 1 OF 1	

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LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
A	RELEASE		LAT.	
B	1082		LAT	
C	1106		LAT	



SHT. N°2 IS 'B' SIZE, SHT N°3 IS 'A' SIZE 4/M

NOTE: PRIOR TO ASSY OF J28, SECURE LABEL. THE OUTSIDE OF BLACK RECTANGLES MUST BE CUT OUT BEFORE APPLYING TO PANEL. (NO BLACK FROM THE BORDER SHOULD BE SHOWING.)

DRAWN BY: M. McMINN	DATE: 1-25-79
CHECKED BY:	
ENG APPVL:	2/14/79
MFG APPVL:	2/14/79

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ± .005, .XX ± .01, X/x ± 1/64, ∠° ± 1°

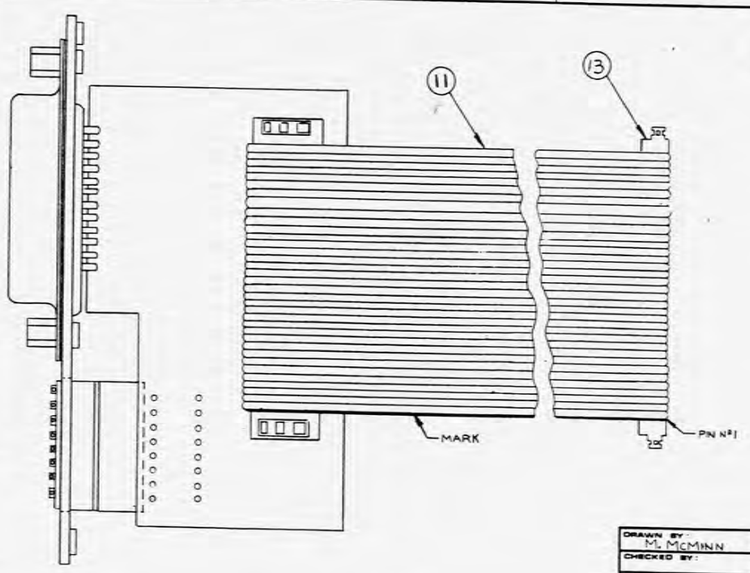
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TITLE: ASSEMBLY IEEE PADDLE BOARD 751/752

SIZE B | DRAWING NO. 02 009 9785 | REV C | SCALE 2/1 | SHEET 1 OF 3

LTR	ECO NO.	CHANGED BY	APPV'D BY	DATE
	SEE SHT. N° 1			



NOTE UNLESS OTHERWISE SPECIFIED

DRAWN BY: M. McMINN	DATE: 1-25-79
CHECKED BY:	
ENG APPVL:	2/14/79
MFG APPVL:	2/14/79

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AFTER FINISHING AND TOLERANCES ARE: .XXX ±, .XX ±, X/x ± 1/64, ∠° ± 1°

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TITLE: ASSEMBLY IEEE PADDLE BOARD 751/752

SIZE B | DRAWING NO. 02 009 9785 | REV C | SCALE 2/1 | SHEET 2 OF 3

REV	ECN	BY	DATE	APP

REFERENCE DESIGNATORS	PART DESCRIPTION	ORIG-MFGR-PART-NO	MFGR	WAVETEK NO.	QTY/PT
NONE	PC: PADDLE BD IEEE (751/752)			320. 0775	1
DC1	S: DIP 8 POLE 2 POS	76SB08	GRAHL	342. 8100	1
J28	CONN: RIB SKT CHASSIS 24 CNT	57-2024002	AMPH	351. 2403	1
NONE	SOCKET: IC 16PIN DIP HOR	16-823-90	ARIES	353. 1605	1
NONE	SOCKET: 34PIN DIL LOCK CLSEND	3414-7034	3M	353. 3402	1
NONE	CONN: BD/CABLE 34CONT .050	3402-0000	3M	354. 3400	1
NONE	CONN MTG PLATE: IEEE 752, FIN			371. 1015	1
	CABLE: 34CND RIB 28GA STR .050	3365/34	3M	378. 4018	13
NONE	WASHER: SPLT LK STNLS #8			388. 1082	2
NONE	GUIDE PIN ASSY FEM METRIC	552633-3	AMP	389. 7004	2

WAVETEK PARTS LIST | TITLE: CABLE ASSY: IEEE INTERFACE 751 | ASSEMBLY NO. 009. 9785 | REV

REMOVE ALL BURRS AND BREAK SHARP EDGES | MATERIAL | FINISH WAVETEK PROCESS | DRAWN | DATE | PROJ ENGR | RELEASE APPROV | TOLERANCE UNLESS OTHERWISE SPECIFIED XXX ± .010 ANGLES ± 1 XX ± .030 | DO NOT SCALE DWG | SCALE

WAVETEK SAN DIEGO • CALIFORNIA

TITLE: IEEE PADDLE BOARD ASSEMBLY

MODEL NO 751/752/753 | DWG NO 009.9785 | REV | CODE IDENT 23338 | SHEET 1 OF 1

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ERRATA
FOR
INSTRUCTION MANUAL
MODELS 751A, 752A and 753A
BRICKWALL FILTERS
DATED 3/87

Make the following changes to the manual:

Page 1-2, Paragraph 1.4.1, Accuracy:
Change "0.3 ± 0.1 dB at F_c" to "Low Pass: -0, +2.5%
High Pass: +0, -2.5%".

Page 1-2, Paragraph 1.4.2, Accuracy:
Change "± 0.2 dB" to "± 0.25 dB" (two locations).

Page 1-2, Paragraph 1.4.3, Passband Response:
Change "Low-pass channel: 0.3 dB p-p; High-pass channel: 0.3 dB p-p (-3 dB at approximately 400 kHz)." to "Low-pass channel: 0.8 dB p-p maximum; High-pass channel (753A): 0.8 dB p-p maximum for $F_c \leq 40$ kHz; High-pass channel (751A, 752A): 0.8 dB p-p maximum for $F_c \leq 40$ kHz, 1.4 dB p-p maximum for $F_c > 40$ kHz".
Amplifier cutoff: -3 dB at approximately 400 kHz.

Page 1-2, Paragraph 1.4.3, Stopband Attenuation:
Change "Low-Pass Channel" and "High-Pass Channel" columns as shown:

Low-Pass Channel	High-Pass Channel
0.8 dB (dc to F_c)	0.8 dB at F_c
40 dB ±4 dB at 1.34 F_c	40 dB ±4 dB at 0.75 F_c
60 dB ±4 dB at 1.53 F_c	60 dB ±4 dB at 0.65 F_c
>76 dB at 1.7 F_c	>76 dB at 0.6 F_c

Page 1-2, Paragraph 1.4.3, Maximum Stopband Attenuation:
Change "Low-pass channel: 85 dB (typical); 80 dB (minimum) to 10 MHz. High-pass channel: 85 dB (typical); 80 dB (minimum)." to "Low-pass channel: 90 dB (typical); 80 dB (minimum) for F >$2F_c$. High-pass channel: 90 dB (typical); 80 dB (minimum) for F <$.5F_c$.".

Page 1-2, Paragraph 1.4.3, Amplitude Match:
Change "±0.1 dB, dc to 0.8 F_c. ±0.2 dB, 0.8 F_c to F_c." to "±0.25 dB, dc to 0.8 F_c. ±0.4 dB, 0.8 F_c to F_c.".

Page 1-2, Paragraph 1.4.3, Phase Match:
Change "± 1/2° (typical). ±1° (maximum), dc to 0.8 F_c. ± 1° (typical), ± 2° (maximum), 0.8 F_c to F_c." to "±3° (maximum), dc to 0.8 F_c. ± 4° (maximum), 0.8 F_c to F_c.".

Page 1-2, Paragraph 1.4.4, Coupling:
Change "Low-pass channel: dc or ac with 0.3 Hz cutoff (nominal). High-pass channel: dc." to "Low-pass channel: dc or ac with 0.3 Hz cutoff (nominal). High-pass channel: dc input, ac throughput.".

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Page 1-3, Paragraph 1.4.5, Noise (1 MHz detector BW):
Change "< 80 dB below full-scale ..." to "better than 80 dB below full-scale ...".

Page 1-3, Paragraph 1.4.5, DC Offset:
Change "Adjustable to 0 Vdc; < ± 10mV" to "< ± 50mV, adjustable to 0Vdc.".

Page 1-3, Paragraph 1.4.7:
Delete "Specifications apply when most ... digits are used.".

Page 5-1, Table 5-2, Step 1:
Change "Desired Measurement" from "0 ± 0.2 dB" to "0 ± 0.25 dB".

Page 5-3, Table 5-3, Step 1:
Change "Desired Measurement" from "0 ± 0.2 dB" to "0 ± 0.25 dB".

Page 5-4, Table 5-4, Step 1:
Change "Desired Measurement" from "0 ± 0.2 dB" to "0 ± 0.25 dB".

Drawing 03-004-0753:
Change C84 from 240 pf to 300 pf.
Change C100 from 200 pf to 150 pf.

Parts List 004.0753 Sheet 1 of 2:
For row with "WAVETEK NO. 101.1150", change QTY/PT from "1" to "2".
Delete entire entry for "WAVETEK NO." shown as "101.1200".
Delete entire entry for "WAVETEK NO." shown as "101.1240".
For row with "WAVETEK NO. 101.1300", change QTY/PT from "1" to "2".

Parts List 004.0760 Sheet 2 of 2:
For row with "J28", change "57-2024002" to "57-20240-2".
For row with "WAVETEK NO. 175.1506", change ORIG-MFGR-PART-NO from "815-244-11" to "815-244-114".

Parts List 004.0750 Sheet 2 of 2:
For row with "WAVETEK NO. 175.1506", change ORIG-MFGR-PART-NO from "815-244-11" to "815-244-114".

Parts List 004.0753 Sheet 2 of 2:
For row with "WAVETEK NO. 175.1506", change ORIG-MFGR-PART-NO from "815-244-11" to "815-244-114".

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