ΧЗ REVISION: CHECKED BY: 1. MATERIAL (TYPE FR-4) WITH 1 DZ. COPPER ON ALL LAYERS AND A FINAL COMPOSITE THICKNESS 0.062 INCHES +/- 0.002 INCHES (INCLUDING SOLDER MASK). MATERIAL MUST MEET UL RATING 94V-0. APPROVED BY: 2. DRILL BOARD IN ACCORDANCE WITH THE DRILL CHART SHOWN. ALL HOLE SIZES ARE FINISHED HOLES. PRE RELEASE 3. HASL PLATING MUST BE APPLIED TO ALL EXPOSED PADS AND HOLES.

- 4. THE SOLDER MASK (BLUE SOLDER RESIST) SHALL BE APPLIED TO BOTH SIDES OF THE PRINTED WIRING BOARD PER IPC-SM-840, TYPE B, CLASS 2.
- 5. ALL SOLDER JOINT, CONTACT PADS AND LOCATING HOLES SHALL BE FREE OF SOLDER MASK.
- 6. NOMENCLATURE SHALL BE SCREENED IN WHITE EPOXY INK ON BOTH SIDES OF THE BOARD. THERE SHOULD
- 7. BOARD EDGES SHALL BE SMOOTH AND FREE OF BURRS.
- 8. BOARD MATERIAL AND MANUFACTURING PROCESSES MUST MEET UL REQUIREMENTS. SUPPLIERS UL IDENTIFICATION, LOGO AND DATE CODE ARE TO BE AFFIXED IN AN AREA FREE OF CIRCUITRY ON THE BOARD.
- 9. THE PWB WARPAGE SHALL BE NO MORE THAN 0.020 INCH/INCH (.020 MM/MM).
- 10. THE BOARD MUST BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
- 11. THE BOARD OUTLINE GERBER SHOWS THE OVERALL SIZE AND SHAPE. IT ALSO SHOWS ANY INTERNAL CUT-OUTS.
- 12. PCB LAYERS STACK UP AND INFORMATION:

CSILK CSOLDER CSIDE INNER 1 GROUND INNER 2 POWER WSOLDER

NOTES:

GERBER FILES WERE GENERATED IN OrCAD (NAME USED ON ARTWORK).

FOLLOWING IS AN EXPLANATION OF FILE EXTENSION:

FOLLOWING IS AN EXPLANATION OF FILE EXTE

.SST TOP SIDE SILK SCREEN (CSILK)

.SMT TOP SIDE SOLDER MASK (CSOLDER)

.TOP TOP SIDE LAYER (CSIDE)

.GND GND PLANE LAYER (GND)

.PWR POWER PLANE LAYER (PWR)

.BOT BOTTOM SIDE LAYER (WSIDE)

.SMB BOTTOM SIDE SOLDER MASK (WSOLDER)

.SSB BOTTOM SIDE SILK SCREEN (WSILK)

.SPB SOLDER PASTE BOTTOM (WPASTE)

.SPT SOLDER PASTE TOP (CPASTE)

.GTD GERB TOOL DATA

.LIS POST PROCESSOR REPORT

LIS POST PROCESSOR REPORT
DRID DRILL INFORMATION
DTS DRILL TAPE SUMMARY
TAP DRILL INFORMATION EXCELLON FORMAT

.FAB THIS FABRICATION DRAWING
.AST ASSEMBLY TOP
.ASB ASSEMBLY BOTTOM

- 13. INTERPRET THIS DRAWING IN ACCORDANCE WITH IPC-D-325
- 14. BOARDS TO FABRICATED PER IPC-6011 CLASS 2 EXCEPT AS SPECIFIED HEREIN.
- 15. BAREBOARD TEST PER ANSI/IPC-6012
 - A. CONTINUITY TESTING PER PARAGRAPH 3.9.2.1
 - B. CIRCUIT ISOLATION TESTING PER PARAGRAPH 3.9.2.2
- 16. THE INNER LAYERS 1 AND 2 SHALL HAVE A SEPARATION OF 6 MILS OR LESS.

<u>+</u>	
+ + + + +	
	<u>i_</u>
1825 #	
	* * * *
\$	* * * * * * * * * * * * * * * * * * *
- +	<u>}</u>
6692	;

DRILL CHART									
SYM	DIAM	TOL	QTY	NOTE					
,A	0.015		2						
.,	0.020		567						
40	0.035		12						
#	0.038		76						
49	0.040		2						
#	0.043		2						
43	0.047		6						
4	0.047		2	NON-PLATED					
+	0.060		2						
+	0.063		2						
#	0.067		8						
+	0.070		4						
+	0.106		2	NON-PLATED					
_ <u>R</u>	0.128		2	NON-PLATED					
_5	0.158		8						
	TOTAL	_	697						

THIRD ANGLE	Int	eractiv	e Obje	cts, Inc.	Interactive	Objects	Inc.
PROJECTION (+)	© 2001 ALL RIGHTS RESERVED				Confidential		
FEATURES AND DIMENSIONS NOT SHOWN SHALL BE VERIFIED IN THE DATABASE. DRAWING SHOULD NOT BE SCALED	PAGE TITLE: FABRICATION DRAWING TITLE: PCB, MAIN PROJECT NAME: HOME STEREO PROGRAM, DJ1						
ENGR: R.C. TRUE	SIZE	DATE			WING NO.		REV
	В	11-07	-01	200-0018-01			ХЗ
DRAWN: M.J. KIDD			SCALE:	NO SCALE	SHEET	1 OF	1