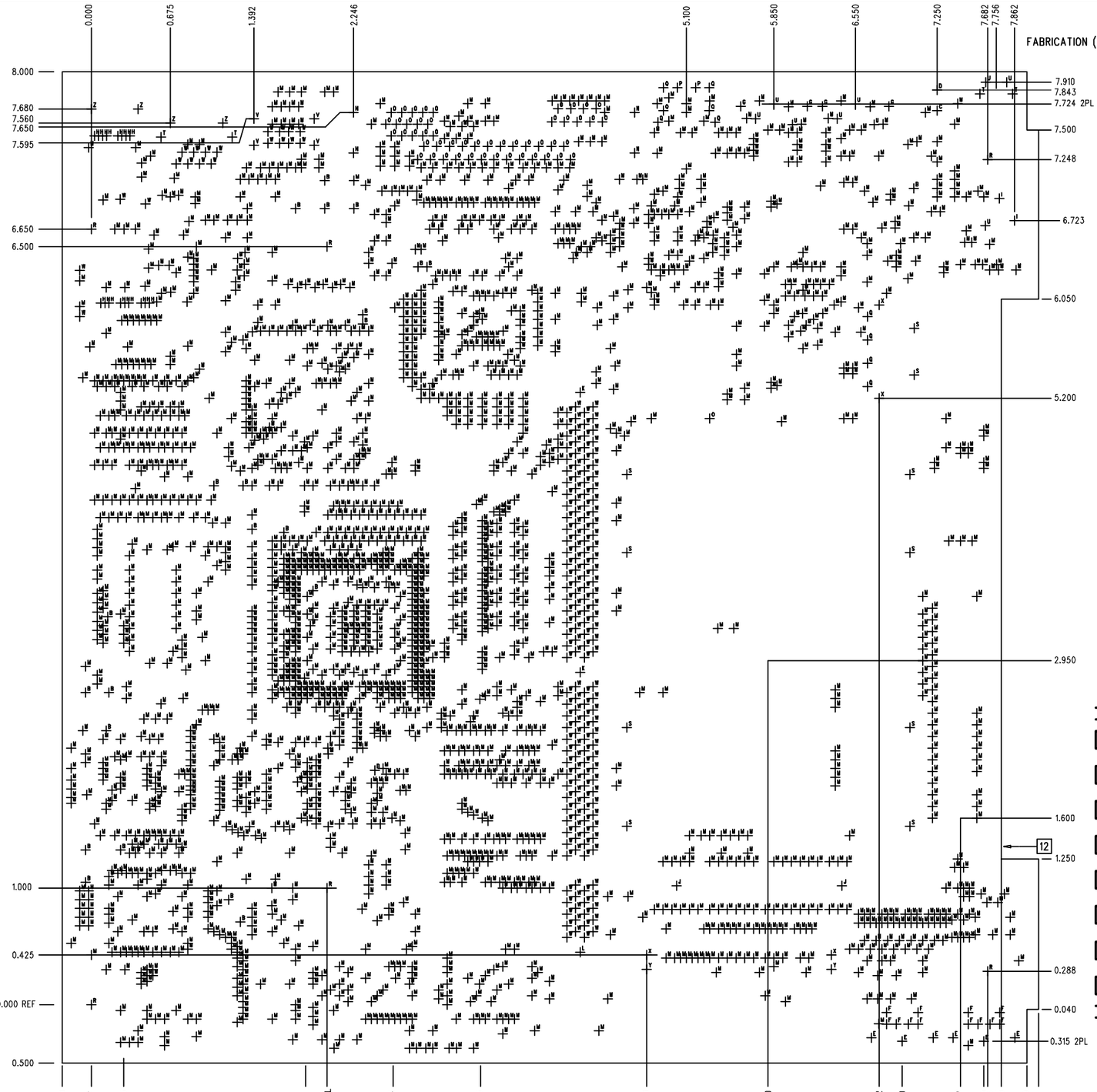
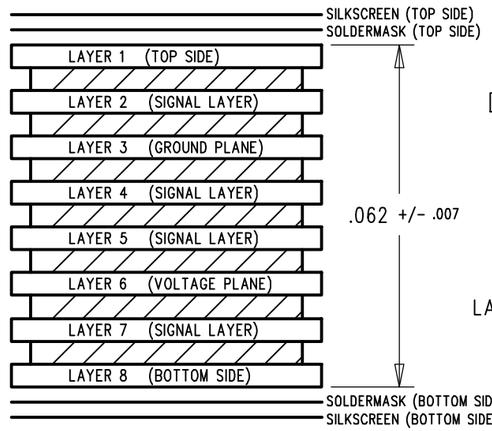


SIZE	QTY	SYM	PLTD
24	24	B	PLTD
79	1	C	PLTD
87	1	D	PLTD
97	6	E	PLTD
40	12	F	PLTD
99	4	G	NPLTD
37	17	H	NPLTD
105	2	I	PLTD
43	2	J	NPLTD
95	2	K	NPLTD
80	1	L	NPLTD
13	2408	M	PLTD
121	4	N	PLTD
45	50	O	PLTD
86	2	P	NPLTD
60	10	Q	PLTD
156	6	R	PLTD
150	10	S	NPLTD
63	4	T	PLTD
51	9	U	PLTD
91	4	V	PLTD
37	188	W	PLTD
90	4	X	NPLTD
67	2	Y	NPLTD
128	4	Z	NPLTD



LAYER DETAIL
8 LAYERS

NOTES : (UNLESS SPECIFIED OTHERWISE.)

1) ALL DIMENSIONS ARE IN INCHES.TOLERANCE IS +/- 0.005 CONFORMING TO IPC-A-600

2) HOLE SIZES ARE SPECIFIED IN THOUSANDTHS.
HOLE SIZES APPLY AFTER PLATING.
HOLE SIZE TOLERANCE TO BE ± 0.003,
UNLESS SPECIFIED OTHERWISE.
PLATING TO BE 0.0010 MINIMUM.

3) MATERIAL : FR-4-2 NATURAL EPOXY/FIBERGLASS
0.5 OZ. COPPER ALL LAYERS.
2 SIDES PLATED.
FINISHED THICKNESS : 0.062 $\frac{+\ 0.006}{-\ 0.006}$

4) APPLY SOLDERMASK OVER BARE COPPER, BOTH SIDES.
FINISH ALL EXPOSED COPPER SURFACES WITH 60/40% TIN/LEAD SOLDER, 100u" TO 1000u".

5) THE LOCATION OF THE MARKING SHOULD BE ON THE SURFACE OF THE PCB, NOT THE EDGE.

6) APPLY SOLDERMASK TO COMPONENT SIDE AND SOLDER SIDE, USING
☐ PC401 OR EQUIVALENT.
☒ LIQUID PHOTO IMAGEABLE.
☐ DRY FILM.
COLOR : GREEN.
USE SEPARATE FILM FOR COMPONENT SIDE AND SOLDER SIDE SOLDERMASKS.
FABRICATOR SHALL MAKE NECESSARY MODIFICATIONS TO SOLDERMASK PHOTOPLOT FILES FOR OPTIMAL SOLDERMASK COVERAGE BETWEEN FINE PITCH COMPONENT LEADS.

7) APPLY LEGEND TO COMPONENT SIDE USING NON-CONDUCTIVE EPOXY INK.
COLOR : WHITE.
FABRICATOR SHALL MAKE NECESSARY MODIFICATIONS TO LEGEND PHOTOPLOT FILES TO ENSURE NO LEGEND INK COVERS ANY COMPONENT PAD OR VIA PAD.

8) PCB SHALL BE CLEAN AND FREE FROM DIRT, OIL, FINGERPRINTS, CORROSION, AND ANY OTHER FOREIGN MATERIAL.

9) MODIFIED PHOTOPLOT FILES ARE TO BE RETURNED BEFORE ORDER DELIVERED.

10) FABRICATOR HAS APPROVAL TO REMOVE NON-FUNCTIONAL PADS FROM INNER LAYERS.

11) BOW AND TWIST SHALL BE LESS THAN 0.005" PER INCH.

12 ALL PRINTED CIRCUIT BOARD NETS SHALL BE 100% ELECTRICALLY TESTED FOR OPENS AND SHORTS. MARK TEST VERIFICATION STAMP APPROXIMATELY WHERE SHOWN, ALONG EDGE OF PCB, USING WHITE INK.

13) FABRICATION OF P.W.B. TO COMPLY WITH IPC-A-600, CLASS II , CURRENT REVISION.

NOTICE: CONFIDENTIAL MATERIAL
Reprodution forbidden without the specific written permission of Artec Design Group

APPROVALS		DATE
DRAWN:	Elli Puusepp	11/03/00
CHECKED:	Alar Kuusik	11/03/00
PROJ MGR:	ARTEC DG	
CLIENT:	ZF Linux Devices, Inc.	SIZE B

ZF Linux Devices, Inc.
1052 Elwell Court
Palo Alto,CA 94303
(650) 965-3800

INTERNET APPLIANCE 2
FABRICATION

RELEASE 01

DRAWING NUMBER	SCALE	SHEET	REVISION
9400-0048-03-X3	1 : 1	1 OF 1	3

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