

D

C

B

A

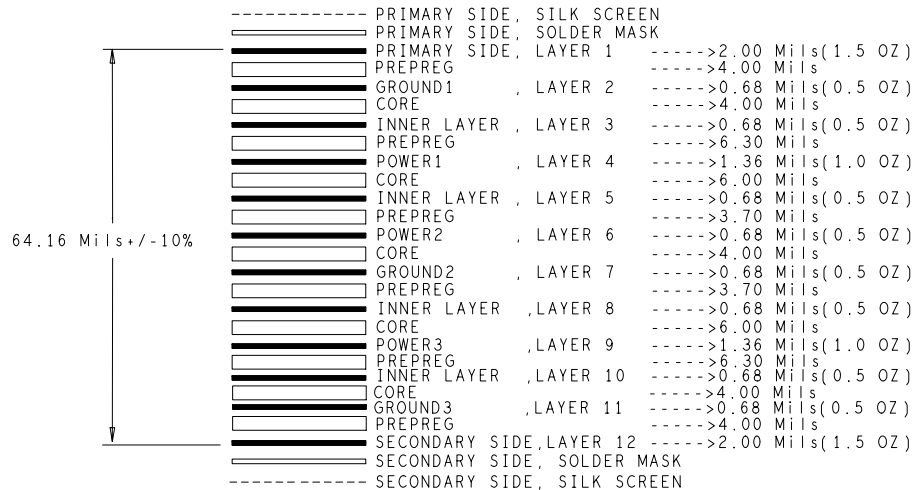
D

C

B

A

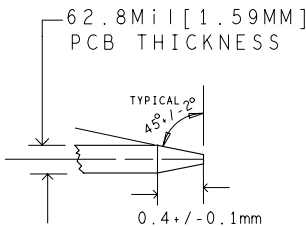
12-LAYER STACK BUILD



NOTES: UNLESS OTHERWISE SPECIFIED.  
1. FABRICATE PER IPC-6012A CLASS 2.

- DIELECTRIC: FR4 PER IPC-4101.  
COPPER: AS PER STACKUP.  
U.L. RATING: 94V-0 MINIMUM
3. SURFACE FINISH: ENIG
4. SOLDER MASK MATERIAL SHALL MEET ALL THE REQUIREMENTS OF IPC-SM-840C AND SHALL BE GREEN IN COLOR AND APPLIED OVER BARE COPPER.
5. SILK SCREEN LEGEND TO BE APPLIED PER LAYER STACKUP USING WHITE NON-CONDUCTIVE EPOXY INK.
6. 100% CONTINUITY TESTING USING DATABASE NETLIST SHALL BE PERFORMED, VENDOR TO IDENTIFY TEST PASSED IN SECONDARY SIDE.
7. VENDOR TO MARK DATE CODE AND LOGO IN ETCH OR IN LEGEND.
8. BOW AND TWIST SHALL NOT EXCEED 0.7% OF LONGEST SIDE.
9. DIELECTRICS AND LINEWIDTHS MAY BE ADJUSTED TO MEET THE IMPEDANCE REQUIREMENTS.
10. MINIMUM CONDUCTOR WIDTH: 4MIL  
MINIMUM SPACING: 4.4MIL
11. DO NOT ALTER THE SOLDERMASK SIZE FOR COMPONENT U18.
12. THE PCB EDGE NEAR AMC CONNECTOR EDGE SHOULD BE AS SHOWN IN THE BELOW FIG.

SCALE: NONE



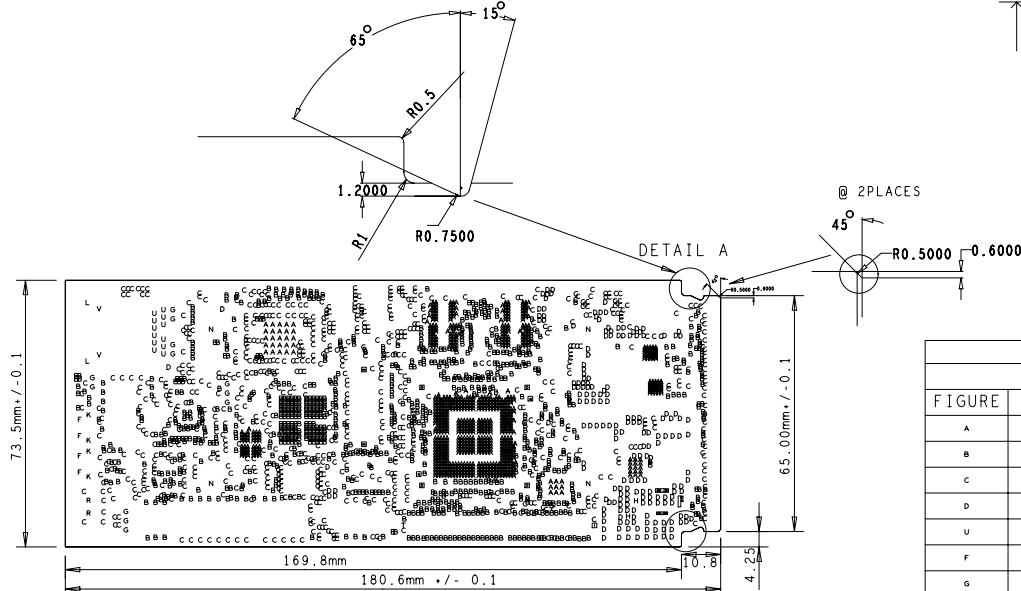
SINGLE ENDED IMPEDANCE

LAYER NO	CONDUCTOR WIDTH	REFERENCE LAYER	IMPEDANCE +/- 10%
1 & 12	7.0 MIL	2 & 11	50 OHMS
3 & 10	4.0 MIL	2 & 11	50 OHMS
5	4.0 MIL	6	50 OHMS
8	4.0 MIL	7	50 OHMS

DIFFERENTIAL IMPEDANCE

LAYER NO	CONDUCTOR WIDTH	SPACING	REFERENCE LAYER	IMPEDANCE +/- 10%
1	6.5 MIL	5.0 MIL	2	90 OHMS
1 & 12	5.0 MIL	5.0 MIL	2 & 11	100 OHMS
3 & 10	4.01 MIL	11.99 MIL	2 & 11	100 OHMS
5 & 8	4.01 MIL	11.99 MIL	6 & 7	100 OHMS

DETAIL-A @ 2PLACES



COMPANY NAME :eINFOCHIPS LIMITED  
DATE:OCT 14,2010 JOB NUMBER:EINF4223 EVM CARD  
DESIGNED BY:eINFOCHIPS LIMITED  
PART NO/CARD REF: TMDSEVM6474L REV -02  
FILM LAYER:FABRICATION DRAWING

FINISHED DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
A	8.0	+3.0/-3.0	PLATED	867
B	10.0	+3.0/-3.0	PLATED	971
C	12.0	+3.0/-3.0	PLATED	779
D	18.0	+3.0/-3.0	PLATED	184
U	35.0	+3.0/-3.0	PLATED	12
F	39.0	+3.0/-3.0	PLATED	4
G	40.0	+3.0/-3.0	PLATED	12
H	42.0	+3.0/-3.0	PLATED	2
K	51.0	+3.0/-3.0	PLATED	4
L	62.0	+3.0/-3.0	PLATED	2
V	126.0	+3.0/-3.0	PLATED	2
N	138.0	+3.0/-3.0	PLATED	4
R	35.0	+2.0/-2.0	NON-PLATED	2
T	47.0	+2.0/-2.0	NON-PLATED	1
M	51.0	+2.0/-2.0	NON-PLATED	1
B	53.0	+2.0/-2.0	NON-PLATED	2
W	64.0	+2.0/-2.0	NON-PLATED	2
E	125.0	+2.0/-2.0	NON-PLATED	4
---	120.0x30.0	+3.0/-3.0	PLATED	1
---	120.0x30.0	+3.0/-3.0	PLATED	1
---	140.0x40.0	+3.0/-3.0	PLATED	1



CAUTION  
SENSITIVE ELECTRONIC DEVICES-CLASS 1

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN <input type="checkbox"/> INCHES <input checked="" type="checkbox"/> MILLIMETERS	eINFOCHIPS LIMITED		
	FABRICATION DRAWING 17-00080-02ARD		
DATE Oct 14, 2010	SIZE B	PART NUMBER 17-00080-02	REV 02
SCALE 1/1	SHEET 1 OF 1		

CAD DATA 2 DO NOT MANUALLY 1 UPDATE