

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

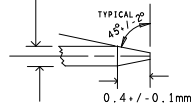
DIELECTRIC: ITEQ ITI686.
COPPER: AS PER STACKUP.
U.L. RATING: 94V-0 MINIMUM
3. SURFACE FINISH: ENIG

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: 4.0 MILS
MINIMUM SPACING: 3.26 MILS
11. THE PCB EDGE NEAR AMC CONNECTOR EDGE SHOULD BE AS SHOWN IN THE ABOVE FIG.
12. DIMENSIONS ARE IN 'MM [INCHES]'.

SCORE DETAIL

SCALE: NONE

63.036Mil [1.60MM]
PCB THICKNESS



LAYER STACK-UP

-----	PRIMARY SIDE, SILK SCREEN	- 2 MILS
-----	PRIMARY SIDE, SOLDER MASK	- 1.794 MILS
-----	PRIMARY SIDE, LAYER 1	- 3.596 MILS
-----	DIELECTRIC	- 1.26 MILS
-----	GROUND LAYER, LAYER 2	- 4 MILS
-----	DIELECTRIC	- 1.26 MILS
-----	INNER LAYER, LAYER 3	- 5.014 MILS
-----	DIELECTRIC	- 1.26 MILS
-----	POWER LAYER, LAYER 4	- 5 MILS
-----	DIELECTRIC	- 1.26 MILS
-----	INNER LAYER, LAYER 5	- 3.814 MILS
-----	DIELECTRIC	- 1.26 MILS
-----	GROUND LAYER, LAYER 6	- 4 MILS
-----	DIELECTRIC	- 1.26 MILS
-----	GROUND LAYER, LAYER 7	- 3.814 MILS
-----	DIELECTRIC	- 1.26 MILS
-----	INNER LAYER, LAYER 8	- 5 MILS
-----	POWER LAYER, LAYER 9	- 1.26 MILS
-----	DIELECTRIC	- 5.014 MILS
-----	INNER LAYER, LAYER 10	- 1.26 MILS
-----	DIELECTRIC	- 4 MILS
-----	GROUND LAYER, LAYER 11	- 1.26 MILS
-----	DIELECTRIC	- 3.596 MILS
-----	SECONDARY SIDE, LAYER 12	- 1.794 MILS
-----	SECONDARY SIDE, SOLDER MASK	- 2 MILS
-----	SECONDARY SIDE, SILK SCREEN	

67.036 MILS +/-10%

SINGLE ENDED

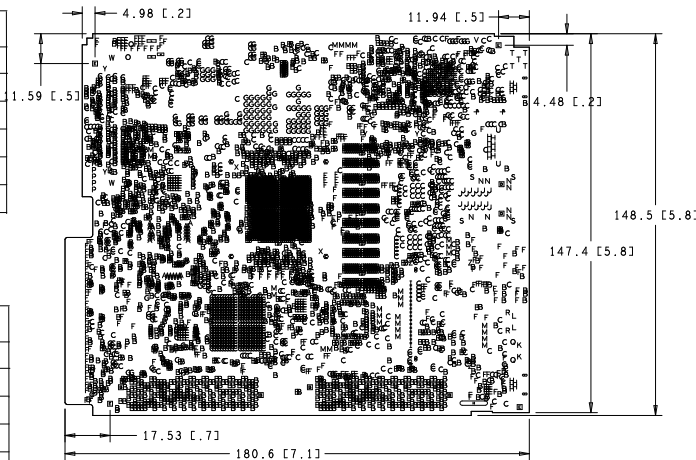
LAYER NO.	CONDUCTOR WIDTH	REFERENCE LAYER	IMPEDANCE +/-10%
L01_TOP	6 MILS	L02_GND1	50 OHMS
L03_SIG1	4.5 MILS	L02_GND1	50 OHMS
L05_SIG2	4.5 MILS	L06_GND2	50 OHMS
L08_SIG3	4.5 MILS	L07_GND3	50 OHMS
L10_SIG4	4.5 MILS	L11_GND4	50 OHMS
L12_BOT	6 MILS	L11_GND4	50 OHMS

DIFFERENTIAL 100E

LAYER NO.	CONDUCTOR WIDTH	SPACING	REFERENCE LAYER	IMPEDANCE +/-10%
L01_TOP	4 MILS	6.5 MILS	L02_GND1	100 OHMS
L03_SIG1	4 MILS	7.5 MILS	L02_GND1	100 OHMS
L05_SIG2	4 MILS	7.5 MILS	L06_GND2	100 OHMS
L08_SIG3	4 MILS	7.5 MILS	L07_GND3	100 OHMS
L10_SIG4	4 MILS	7.5 MILS	L11_GND4	100 OHMS
L12_BOT	4 MILS	6.5 MILS	L11_GND4	100 OHMS

DIFFERENTIAL 90E

LAYER NO.	CONDUCTOR WIDTH	SPACING	REFERENCE LAYER	IMPEDANCE +/-10%
L01_TOP	4.5 MILS	5 MILS	L02_GND1	90 OHMS
L10_SIG4	4 MILS	4.5 MILS	L11_GND4	90 OHMS
L12_BOT	4.5 MILS	5 MILS	L11_GND4	90 OHMS



CUSTOMER NAME: eINFOCHIPS LIMITED
DATE: 28-10-2014 JOB NUMBER: EINF4984C
DESIGNED AT: eINFOCHIPS LIMITED
PART NO/CARD REF: K2L EVM CARD REV: 03
FILM LAYER: FABRICATION LAYER

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
A	7.87	+3.0/-3.0	PLATED	36
B	8.0	+3.0/-3.0	PLATED	3721
C	10.0	+3.0/-3.0	PLATED	1379
D	11.81	+3.0/-3.0	PLATED	38
E	12.0	+3.0/-3.0	PLATED	79
F	14.0	+3.0/-3.0	PLATED	288
G	16.0	+3.0/-3.0	PLATED	159
H	28.0	+3.0/-3.0	PLATED	19
I	32.0	+3.0/-3.0	PLATED	17
J	35.43	+3.0/-3.0	PLATED	20
K	39.0	+3.0/-3.0	PLATED	2
L	39.37	+3.0/-3.0	PLATED	2
M	40.0	+3.0/-3.0	PLATED	28
N	40.16	+3.0/-3.0	PLATED	8
O	42.0	+3.0/-3.0	PLATED	2
P	45.0	+3.0/-3.0	PLATED	5
Q	51.0	+3.0/-3.0	PLATED	2
R	51.18	+3.0/-3.0	PLATED	2
S	61.81	+3.0/-3.0	PLATED	4
T	63.0	+3.0/-3.0	PLATED	5
U	91.0	+3.0/-3.0	PLATED	2
V	106.0	+3.0/-3.0	PLATED	1
W	156.0	+3.0/-3.0	PLATED	2
X	25.98	+2.0/-0.0	NON-PLATED	2
Y	40.0	+2.0/-2.0	NON-PLATED	4
Z	42.0	+2.0/-2.0	NON-PLATED	4
+	47.0	+2.0/-2.0	NON-PLATED	2
	50.0	+2.0/-2.0	NON-PLATED	4
●	92.52	+2.0/-2.0	NON-PLATED	4
■	127.95	+2.0/-2.0	NON-PLATED	2
■	138.0	+2.0/-2.0	NON-PLATED	4
=	75.0x28.0	+3.0/-3.0	PLATED	4
*	38.0x75.0	+3.0/-3.0	PLATED	2
∞	98.43x39.37	+3.0/-3.0	PLATED	1
∞	118.11x39.37	+3.0/-3.0	PLATED	1
∞	137.8x39.37	+3.0/-3.0	PLATED	1
⊞	421.0x67.0	+2.0/-2.0	NON-PLATED	1

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN <input type="checkbox"/> INCHES <input checked="" type="checkbox"/> MILLIMETERS		eINFOCHIPS LIMITED	
		DRAWING TITLE	
		FABRICATION DRAWING	
DATE 28102014	SIZE D	PART NUMBER 17_00176_03	REV 03
SCALE 1/1		SHEET 1 OF 1	