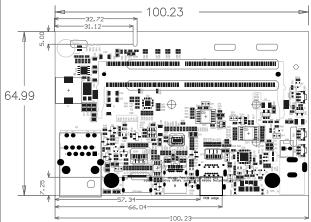


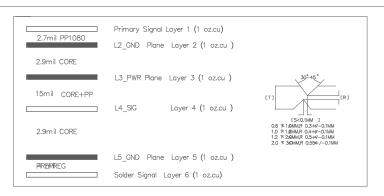
Impedance Controll Table				
	SINGLE ENDED TRACE		DIFFERENTIAL TRACE	
LAYER	WIDTH (mil)	IMPEDANCE (OHM+/-10%)	WIDTH/SPACE (mil)	IMPEDANCE (OHM+/-10%)
1 6	4 mil	50 ohm	4.1 / 12mil	100 ohm
			4.2/ 7 mil	90 ohm
			4.5/6.5mil	85 ohm
4	5 mil	50 ohm	4.1/ 10mil	100 ohm
			4.3/7.3mil	90 ohm
			4.6/6.8mil	85 ohm

Purchase Order And Specification Sheet			
Dielectric Material:	✓FR4		
Total board Layers:	<b>☑</b> 6		
Board Thickness:	<b>☑</b> 63+/–10%		
Silkscreen Colors:	✓White		
Soldermask Colors:	✓Green Red Yellow Black Othor		
Surface Finished:	□HASL □OSP □GOLDFINGER ☑IMMERSION GOLD		
Other Notes:			

- 1.Via:All vias need filling soldermask.
- Silkcreen:permanent white non-conductive epoxy inc.where appropriate clip silkscreen line width not to exceed 0.005"to ensure silkscreen clarity.
- 3. Plating:solder resist over bare copper on both sides of board.



	DRILL CHART: TOP	to BOTTOM	
	ALL UNITS ARE I	N MILS	
FIGURE	SIZE	PLATED	QTY
+	9.84	PLATED	5
+	10.0	PLATED	834
0	15.75	PLATED	14
+	17.72	PLATED	20
	35.04	PLATED	10
	35.43	PLATED	6
0	40.16	PLATED	2
0	40.16	PLATED	4
0	66.93	PLATED	2
<b>*</b>	145.67	PLATED	7
+	39.02	NON-PLATED	2
0	39.37	NON-PLATED	2
Δ	43.31	NON-PLATED	1
0	62.99	NON-PLATED	1
0	127.95	NON-PLATED	2
0	43.3×23.62	PLATED	2
ū	47.24×23.62	PLATED	4
Ĭ.	51.18x23.62	PLATED	2
I	68.5×27.56	PLATED	2
I	92.52×35.43	PLATED	2
I	118.11×39.37	PLATED	1
I	118.11×39.37	PLATED	1
Σ	137.79×39.37	PLATED	1

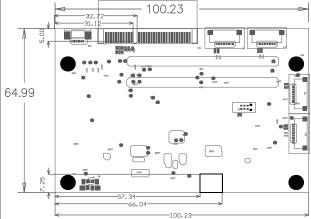


Impedance Controll Table				
	SINGLE ENDED TRACE		DIFFERENTIAL TRACE	
LAYER	WIDTH (mil)	IMPEDANCE (OHM+/-10%)	WIDTH/SPACE (mil)	IMPEDANCE (OHM+/-10%)
1 6	4 mil	50 ohm	4.1 / 12mil	100 ohm
			4.2/ 7 mil	90 ohm
			4.5/6.5mil	85 ohm
4	5 mil	50 ohm	4.1 / 10mil	100 ohm
			4.3/7.3mil	90 ohm
			4.6/6.8mil	85 ohm

Purchase Order And Specification Sheet			
Dielectric Material:	✓FR4		
Total board Layers:	<b>☑</b> 6		
Board Thickness:	<b>☑</b> 63+/–10%		
Silkscreen Colors:	✓White		
Soldermask Colors:	✓Green Red Yellow Black Othor		
Surface Finished:	□HASL □OSP □GOLDFINGER ☑IMMERSION GOLD		
Other Notes:			

Silkcreen:permanent white non-conductive epoxy inc.where appropriate clip silkscreen line width not to exceed 0.005"to ensure silkscreen clarity.
 Plating:solder resist over bare copper on both sides of board.

1.Via:All vias need filling soldermask.



ALL UNITS ARE IN MILS  FIGURE SIZE PLATED QTY  + 9.84 PLATED 5  + 10.0 PLATED 834  • 15.75 PLATED 14  + 17.72 PLATED 20  • 35.04 PLATED 10  • 35.43 PLATED 6  • 40.16 PLATED 2  • 40.16 PLATED 2  • 40.16 PLATED 2  • 145.67 PLATED 2  • 145.67 PLATED 7  + 39.02 NON-PLATED 2  • 39.37 NON-PLATED 2  • 127.95 NON-PLATED 1  • 62.99 NON-PLATED 1  • 43.31 NON-PLATED 1  • 43.323.62 PLATED 2  • 47.24x23.62 PLATED 2  • 47.24x23.62 PLATED 2  • 47.24x23.62 PLATED 2  • 47.24x23.62 PLATED 2  • 48.5x27.56 PLATED 2  • 118.11x39.37 PLATED 1	DRILL CHART: TOP to BOTTOM				
+ 9.84 PLATED 5 + 10.0 PLATED 834  • 15.75 PLATED 14 + 17.72 PLATED 20 • 35.04 PLATED 10 • 35.43 PLATED 6 • 40.16 PLATED 2 • 40.16 PLATED 2 • 66.93 PLATED 2 • 145.67 PLATED 7 + 39.02 NON-PLATED 7 + 39.02 NON-PLATED 2 • 39.37 NON-PLATED 2 • 43.31 NON-PLATED 1 • 62.99 NON-PLATED 1 • 43.323.62 PLATED 2 • 47.24x23.62 PLATED 4  • 51.18x23.62 PLATED 2  • 48.5x27.56 PLATED 2  • 92.52x35.43 PLATED 2  • 118.11x39.37 PLATED 1	ALL UNITS ARE IN MILS				
+ 10.0 PLATED 834  • 15.75 PLATED 14  + 17.72 PLATED 20  • 35.04 PLATED 10  • 35.43 PLATED 6  • 40.16 PLATED 2  • 40.16 PLATED 2  • 66.93 PLATED 2  • 145.67 PLATED 7  + 39.02 NON-PLATED 2  • 39.37 NON-PLATED 2  • 43.31 NON-PLATED 1  • 62.99 NON-PLATED 1  • 127.95 NON-PLATED 2  • 43.3x23.62 PLATED 2  • 47.24x23.62 PLATED 4  • 51.18x23.62 PLATED 2  x 68.5x27.56 PLATED 2  x 118.11x39.37 PLATED 1	FIGURE	SIZE	PLATED	QTY	
○       15.75       PLATED       14         +       17.72       PLATED       20         □       35.04       PLATED       10         □       35.43       PLATED       6         ○       40.16       PLATED       2         ○       40.16       PLATED       4         ○       66.93       PLATED       2         ○       145.67       PLATED       7         +       39.02       NON-PLATED       2         ○       39.37       NON-PLATED       2         △       43.31       NON-PLATED       1         ○       62.99       NON-PLATED       1         ○       62.99       NON-PLATED       2         □       43.3x23.62       PLATED       2         □       47.24x23.62       PLATED       4         □       51.18x23.62       PLATED       2         □       68.5x27.56       PLATED       2         □       18.11x39.37       PLATED       1	+	9.84	PLATED	5	
+ 17.72 PLATED 20  - 35.04 PLATED 10  - 35.43 PLATED 6  - 40.16 PLATED 2  - 40.16 PLATED 4  - 66.93 PLATED 7  - 145.67 PLATED 7  - 39.02 NON-PLATED 2  - 43.31 NON-PLATED 1  - 62.99 NON-PLATED 1  - 62.99 NON-PLATED 2  - 43.3x23.62 PLATED 2  - 47.24x23.62 PLATED 4  - 51.18x23.62 PLATED 4  - 68.5x27.56 PLATED 2  - 18.11x39.37 PLATED 1	+	10.0	PLATED	834	
□ 35.04 PLATED 10 □ 35.43 PLATED 6 ○ 40.16 PLATED 2 ○ 40.16 PLATED 4 ○ 66.93 PLATED 7 □ 39.02 NON-PLATED 2 □ 39.37 NON-PLATED 2 □ 43.31 NON-PLATED 1 □ 62.99 NON-PLATED 1 □ 127.95 NON-PLATED 2 □ 43.3×23.62 PLATED 2 □ 47.24×23.62 PLATED 4 □ 51.18×23.62 PLATED 4 □ 51.18×23.62 PLATED 2 □ 492.52×35.43 PLATED 2 □ 92.52×35.43 PLATED 1	0	15.75	PLATED	14	
□ 35.43 PLATED 6 ○ 40.16 PLATED 2 □ 40.16 PLATED 4 □ 66.93 PLATED 2 □ 145.67 PLATED 7 □ 39.02 NON-PLATED 2 □ 39.37 NON-PLATED 2 □ 43.31 NON-PLATED 1 □ 62.99 NON-PLATED 1 □ 127.95 NON-PLATED 2 □ 43.3×23.62 PLATED 2 □ 47.24×23.62 PLATED 2 □ 47.24×23.62 PLATED 4 □ 51.18×23.62 PLATED 2 □ 68.5×27.56 PLATED 2 □ 92.52×35.43 PLATED 2 □ 118.11×39.37 PLATED 1	+	17.72	PLATED	20	
○       40.16       PLATED       2         ○       40.16       PLATED       4         ○       66.93       PLATED       2         ○       145.67       PLATED       7         +       39.02       NON-PLATED       2         ○       39.37       NON-PLATED       2         △       43.31       NON-PLATED       1         ○       62.99       NON-PLATED       1         ○       127.95       NON-PLATED       2         ○       43.3x23.62       PLATED       2         □       47.24x23.62       PLATED       4         □       51.18x23.62       PLATED       2         x       68.5x27.56       PLATED       2         x       92.52x35.43       PLATED       2         x       118.11x39.37       PLATED       1		35.04	PLATED	10	
∘       40.16       PLATED       4         ∘       66.93       PLATED       2         ∘       145.67       PLATED       7         +       39.02       NON-PLATED       2         ∘       39.37       NON-PLATED       2         △       43.31       NON-PLATED       1         ○       62.99       NON-PLATED       1         ○       127.95       NON-PLATED       2         ○       43.3x23.62       PLATED       2         □       47.24x23.62       PLATED       4         □       51.18x23.62       PLATED       2         x       68.5x27.56       PLATED       2         x       92.52x35.43       PLATED       2         x       118.11x39.37       PLATED       1		35.43	PLATED	6	
○       66.93       PLATED       2         ○       145.67       PLATED       7         +       39.02       NON-PLATED       2         ○       39.37       NON-PLATED       2         △       43.31       NON-PLATED       1         ○       62.99       NON-PLATED       1         ○       127.95       NON-PLATED       2         ○       43.3×23.62       PLATED       2         ○       47.24×23.62       PLATED       4         □       51.18×23.62       PLATED       2         □       68.5×27.56       PLATED       2         □       92.52×35.43       PLATED       2         □       118.11×39.37       PLATED       1	0	40.16	PLATED	2	
•       145.67       PLATED       7         +       39.02       NON-PLATED       2         •       39.37       NON-PLATED       2         •       43.31       NON-PLATED       1         •       62.99       NON-PLATED       1         •       127.95       NON-PLATED       2         •       43.3x23.62       PLATED       2         •       47.24x23.62       PLATED       4         •       51.18x23.62       PLATED       2         •       68.5x27.56       PLATED       2         •       92.52x35.43       PLATED       2         •       118.11x39.37       PLATED       1	0	40.16	PLATED		
+ 39.02 NON-PLATED 2 0 39.37 NON-PLATED 2 4 43.31 NON-PLATED 1 0 62.99 NON-PLATED 1 0 127.95 NON-PLATED 2 0 43.3x23.62 PLATED 2 0 47.24x23.62 PLATED 4 1 51.18x23.62 PLATED 2 1 68.5x27.56 PLATED 2 1 92.52x35.43 PLATED 2 1 118.11x39.37 PLATED 1	0	66.93	PLATED	2	
O       39.37       NON-PLATED       2         A       43.31       NON-PLATED       1         O       62.99       NON-PLATED       1         O       127.95       NON-PLATED       2         A       43.3x23.62       PLATED       2         A       47.24x23.62       PLATED       4         B       51.18x23.62       PLATED       2         C       A       B       A         C       B       B       B       B         C       B       B       B       B       B       B         D       B	<b>*</b>	145.67	PLATED	7	
A       43.31       NON-PLATED       1         O       62.99       NON-PLATED       1         O       127.95       NON-PLATED       2         A       43.3x23.62       PLATED       2         A       47.24x23.62       PLATED       4         B       51.18x23.62       PLATED       2         B       68.5x27.56       PLATED       2         C       92.52x35.43       PLATED       2         C       118.11x39.37       PLATED       1	+	39.02	NON-PLATED		
O       62.99       NON-PLATED       1         O       127.95       NON-PLATED       2         •       43.3×23.62       PLATED       2         •       47.24×23.62       PLATED       4         •       51.18×23.62       PLATED       2         •       68.5×27.56       PLATED       2         •       92.52×35.43       PLATED       2         •       118.11×39.37       PLATED       1	0	39.37	NON-PLATED		
O 127.95 NON—PLATED 2  43.3x23.62 PLATED 2  47.24x23.62 PLATED 4  51.18x23.62 PLATED 2  68.5x27.56 PLATED 2  7 92.52x35.43 PLATED 2  X 118.11x39.37 PLATED 1	Δ	43.31	NON-PLATED		
•       43.3x23.62       PLATED       2         •       47.24x23.62       PLATED       4         •       51.18x23.62       PLATED       2         •       68.5x27.56       PLATED       2         •       92.52x35.43       PLATED       2         •       118.11x39.37       PLATED       1	0	62.99	NON-PLATED	1	
47.24x23.62       PLATED       4         51.18x23.62       PLATED       2         568.5x27.56       PLATED       2         51.18x23.43       PLATED       2         52x2x35.43       PLATED       2         52x2x35.43       PLATED       1	0	127.95	NON-PLATED	2	
s       51.18x23.62       PLATED       2         x       68.5x27.56       PLATED       2         x       92.52x35.43       PLATED       2         x       118.11x39.37       PLATED       1	0	43.3×23.62	PLATED	2	
x       68.5×27.56       PLATED       2         x       92.52×35.43       PLATED       2         x       118.11×39.37       PLATED       1	ū	47.24×23.62	PLATED	4	
I         92.52×35.43         PLATED         2           I         118.11×39.37         PLATED         1	ğ	51.18x23.62	PLATED		
x 118.11x39.37 PLATED 1	I	68.5x27.56	PLATED	2	
THE TAXABLE TO THE TA	I	92.52×35.43	PLATED	2	
T 11011.70 77 DIATED 1	I	118.11×39.37	PLATED		
1 118.11x39.37 PLATED 1	I	118.11×39.37	PLATED	1	
x 137.79x39.37 PLATED 1	X	137.79×39.37	PLATED	1	