

**PCB SPECIFICATION****26.9.2005**

Bluegiga Technologies Inc.

PCB name	WT11EK Ver 1.0				
Board dimensions	94.94 mm X 75.02 mm				
Shape	Rectangular				
Panel:	306.66 mm x 170.42 mm				
Boards / Panel:	6 pcs	Shift X:	96,40 mm	Shift Y:	76,48 mm
Material	FR-4, UL 94V-0				
Thickness	Other: Tol. +- 10% See Drill drawing				
Final copper thickness	Outer layers 35 µm	Inner layers 35 µm			
Layers	4				
SMD component placement:	Top side only				
Manufacturing standards	-				

Minimum conductor width	Outer layers 0.30 mm Inner layers 0.30 mm		
Minimum conductor spacing	Outer layers 0.15 mm Inner layers 0.15 mm		
Minimum annular ring	Outer layers * 0.15 mm Inner layers * 0.15 mm		
Minimum component pitch	0.5 mm		

Total No. SMD Pads/PCB	Top side 372 pcs	Bottom side 0 pcs
Total No. Holes/PCB	844 pcs	
Drill sizes	13 pcs	Min. finished dia. 0.25 mm

Surface finishing		
Conductor plating	Copper	
Pad/land pattern coating	Immersion Gold (NiAu)	

Solder resist (Green)	Liquid photo imageable	
	Top side: yes	Bottom side: yes
Temporary solder mask	No	

Silkscreen (White)	Top side: yes	Bottom side: no
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Markings (On solder resist)	Manufacturer , Manufacturing Week and Year	
	UL-796 , Flammability class	
	Other: -	

Testing	Single Side 100% Electrical testing
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Additional Information	
Note: Special build up, core 0.45mm and prepreg 0.2mm ( see Drill drawing picture )	
* pad 0.5 mm, drill 0.3 mm: min. annular ring 0.1 mm	

Specification approved:

Customer: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_