\oplus * * 00000 0000 0 109.9 mm

User.1

```
Impedance Controlled Stackup
Differential Coplaner Waveguide with Ground Plane
Param | Size
  Z | 100 ohm
       | 10 mil
      | 10 mil
       | 9.79 mil
       | 1.38 mil
  H | 8.12 mil (2x3313 57% 4.2 mil)
JLCPCB: JLC04161H-3313A
```

Drill Map: (271 holes) (38 holes) (4 holes) (0 holes + 8 slots) (4 holes) (2 holes) (7 holes) 0.406mm * 0.406mm / 0.0160" • 0.600mm / 0.0235" • 0.800mm / 0.0374" • 0.991mm / 0.0390" * 1.0000mm / 0.0390" * 1.067mm / 0.0420" * 1.092mm / 0.0433" * 1.1092mm / 0.0433" • 1.194mm / 0.0470" • 1.295mm / 0.0510" • 1.750mm / 0.0689" # 2.700mm / 0.1063" • 2.3400mm / 0.1339" (10 holes) (4 holes) (4 holes) (4 holes) (2 holes) # 1.750mm / 0.0689" (4 holes) (not plated)

\$\phi\$ 2.700mm / 0.1063" (4 holes) (not plated)

\$\phi\$ 3.400mm / 0.1339" (6 holes) (not plated)

NOTES:

1. Layers: 4

2. PĆB Thickness: 1.6 mm

3. PCB Color: GREEN

4. Material Type: FR-4 TG155 5. Surface Finish: ENIG 1 um

6. Outer Copper Weight: 1 oz 7. Inner Copper Weight: 0.5 oz

8. Impedance Control: YES

9. Layer Stackup: JLC04161H-3313A 10. Via Covering: Plugged 11. Min Via Hole Size / Diameter: 0.406 mm / 0.81 mm

12. Board Outline Tolerance: +/- 0.2 mm 13. Silk Screen: INK-JET/SCREEN PRINTING

14. Stencil Framwork: YES

15. Top+Bottom on single stencil

16. Sencil Polishing: Electropolishing
17. Fiducials: Etched Through

18. Engrave Text

BOARD CHARACTERISTICS

Copper Layer Count: Board Thickness: 1.5981 mm

Board overall dimensions: $109.8550 \text{ mm} \times 78.9940 \text{ mm}$

Min hole diameter: 0.3000 mm Min track/spacing: 0.2540 mm / 0.1963 mm Copper Finish: ENIG Impedance Control: Yes Castellated pads: No Plated Board Edge: No

Edge card connectors: No

Layer Name	Туре	Material	Thickness (mm)	Color	Epsilon R	Loss Tangent
F.Silkscreen	Top Silk Screen	Not specified	0 mm	White	1	0
F.Paste	Top Solder Paste		0 mm		1	0
F.Mask	Top Solder Mask	Not specified	0.01 mm	Green	3.3	0
F.Cu	copper		0.035052 mm		1	0
Dielectric	prepreg	3313	0.106934 mm	FR4 natural	4.5	0.02
Dielectric	prepreg	3313	0.099314 mm		1	0
In1.Cu	copper		0.01524 mm		1	0
Dielectric	core	1.1mm H/HOZ	1.065 mm	Not specified	4.5	0.02
In2.Cu	copper		0.01524 mm		1	0
Dielectric	prepreg	3313	0.099314 mm	Not specified	4.5	0.02
Dielectric	prepreg	3313	0.106934 mm		1	0
B.Cu	copper		0.035052 mm		1	0
B.Mask	Bottom Solder Mask	Not specified	0.01 mm	Green	3.3	0
B.Paste	Bottom Solder Paste		0 mm		1	0
B.Silkscreen	Bottom Silk Screen	Not specified	0 mm	White	1	0



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File: NX-J401-Adapter.kicad_pcb

Title: NX Adapter Board

Size: B Date: 2023-08-25 KiCad E.D.A. 8.0.4 Rev: 1 Page: 1/1