$\bigotimes$ \* \* \*  $\bigotimes$  $\oplus$   $\oplus$   $\oplus$   $\oplus$   $\oplus$   $\oplus$ 9 mm 95 mm 110 mm

User.Drawlngs User.Comments

User.1

Layer Name	Туре	Material	Thickness (mils)	Color	Epsilon R	Loss Tangent
F.Silkscreen	Top Silk Screen	Not specified	0 mils	White	1	0
F.Paste	Top Solder Paste		0 mils		1	0
F.Mask	Top Solder Mask	Not specified	0.3937007874 mils	Green	3.3	0
F.Cu	copper		1.377952756 mils		1	0
Dielectric 1	prepreg	7628	8.031496063 mils	Not specified	4.5	0.02
In1.Cu	copper		0.5984251969 mils		1	0
Dielectric 2	core	FR4	41.92913386 mils	Not specified	4.5	0.02
In2.Cu	copper		0.5984251969 mils		1	0
Dielectric 3	prepreg	7628	8.031496063 mils	Not specified	4.5	0.02
B.Cu	copper		1.377952756 mils		1	0
B.Mask	Bottom Solder Mask	Not specified	0.3937007874 mils	Green	3.3	0
B.Paste	Bottom Solder Paste		0 mils		1	0
B.Silkscreen	Bottom Silk Screen	Not specified	0 mils	White	1	0

## DRILL TABLE

\* 0.406mm / 0.0160" (88 holes)

• 0.800mm / 0.0315" (4 holes)

• 0.900mm / 0.0354" (0 holes + 8 slots)

• 1.000mm / 0.0394" (2 holes)

• 1.067mm / 0.0420" (8 holes)

\* 1.092mm / 0.0430" (4 holes)

\* 1.100mm / 0.0433" (4 holes)

\* 1.194mm / 0.0470" (4 holes)

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

⊕ 3.400mm / 0.1339" (8 holes) (not plated)

## **BOARD CHARACTERISTICS**

Copper Layer Count: Board Thickness: 62.73 mils Board overall dimensions: 4325.00 mils x 3110.00 mils Min track/spacing: 10.00 mils / 7.86 mils Min hole diameter: 11.81 mils Copper Finish: ENIG Impedance Control: Yes Castellated pads: No Plated Board Edge: No Edge card connectors:

## 971 Spartan Robotics

Sheet: File: NX-J401-Adapter.kicad\_pcb

Title: NX Adapter Board

| Size: B | Date: 2023-08-25 | | KiCad E.D.A. kicad-cli 7.0.9-7.0.9-ubuntu22.04.1 Rev: 1 ld: 1/1