

ESP32 & ESP8266 Serial Auto-Programmer
Designed by: Vishnu Mohanan (@vishnumaiea, @vizmohanan)
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File: ESPNut-D1.kicad_pcb

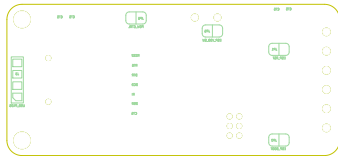
Title: ESPNut-D1

Size: A4 Date: 2025-04-09

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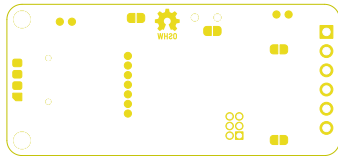
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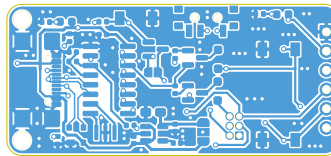
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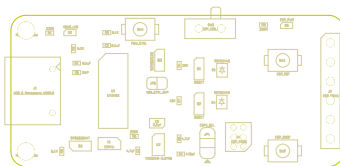
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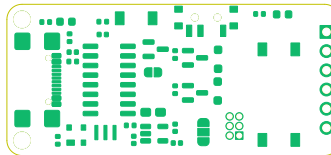
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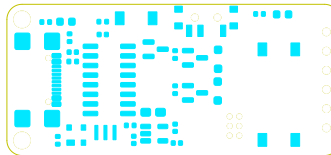
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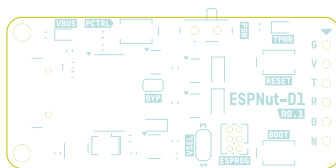
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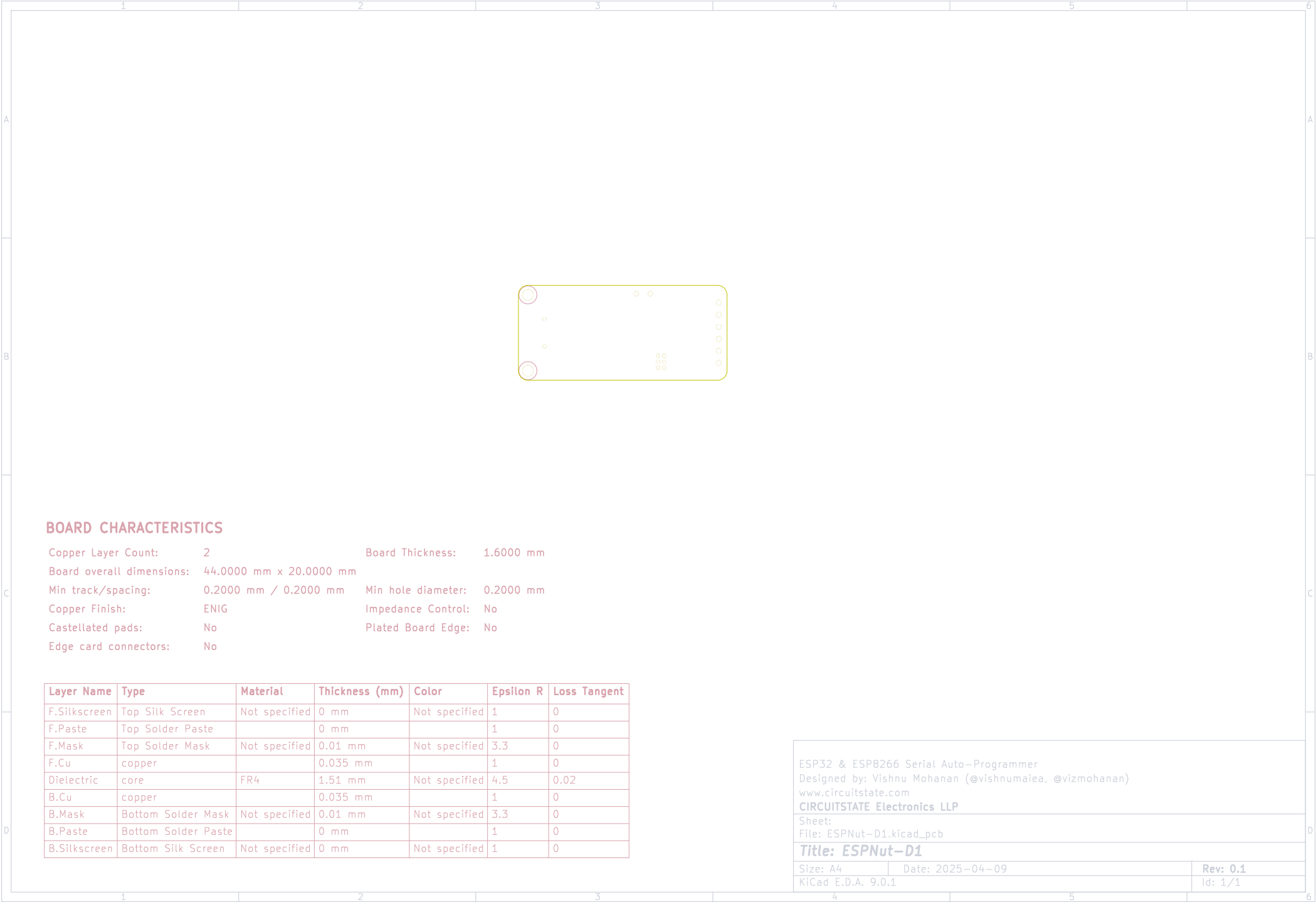
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BOARD CHARACTERISTICS

Copper Layer Count:	2	Board Thickness:	1.6000 mm
Board overall dimensions:	44.0000 mm x 20.0000 mm		
Min track/spacing:	0.2000 mm / 0.2000 mm	Min hole diameter:	0.2000 mm
Copper Finish:	ENIG	Impedance Control:	No
Castellated pads:	No	Plated Board Edge:	No
Edge card connectors:	No		

Layer Name	Type	Material	Thickness (mm)	Color	Epsilon R	Loss Tangent
F.Silkscreen	Top Silk Screen	Not specified	0 mm	Not specified	1	0
F.Paste	Top Solder Paste		0 mm		1	0
F.Mask	Top Solder Mask	Not specified	0.01 mm	Not specified	3.3	0
F.Cu	copper		0.035 mm		1	0
Dielectric	core	FR4	1.51 mm	Not specified	4.5	0.02
B.Cu	copper		0.035 mm		1	0
B.Mask	Bottom Solder Mask	Not specified	0.01 mm	Not specified	3.3	0
B.Paste	Bottom Solder Paste		0 mm		1	0
B.Silkscreen	Bottom Silk Screen	Not specified	0 mm	Not specified	1	0

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