

USB-RS485

V3.2

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Designed by Pintér Gábor  
Checked by Pintér Gábor

Sheet:  
1 of 1

Date:  
2014-03-11

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V3.2

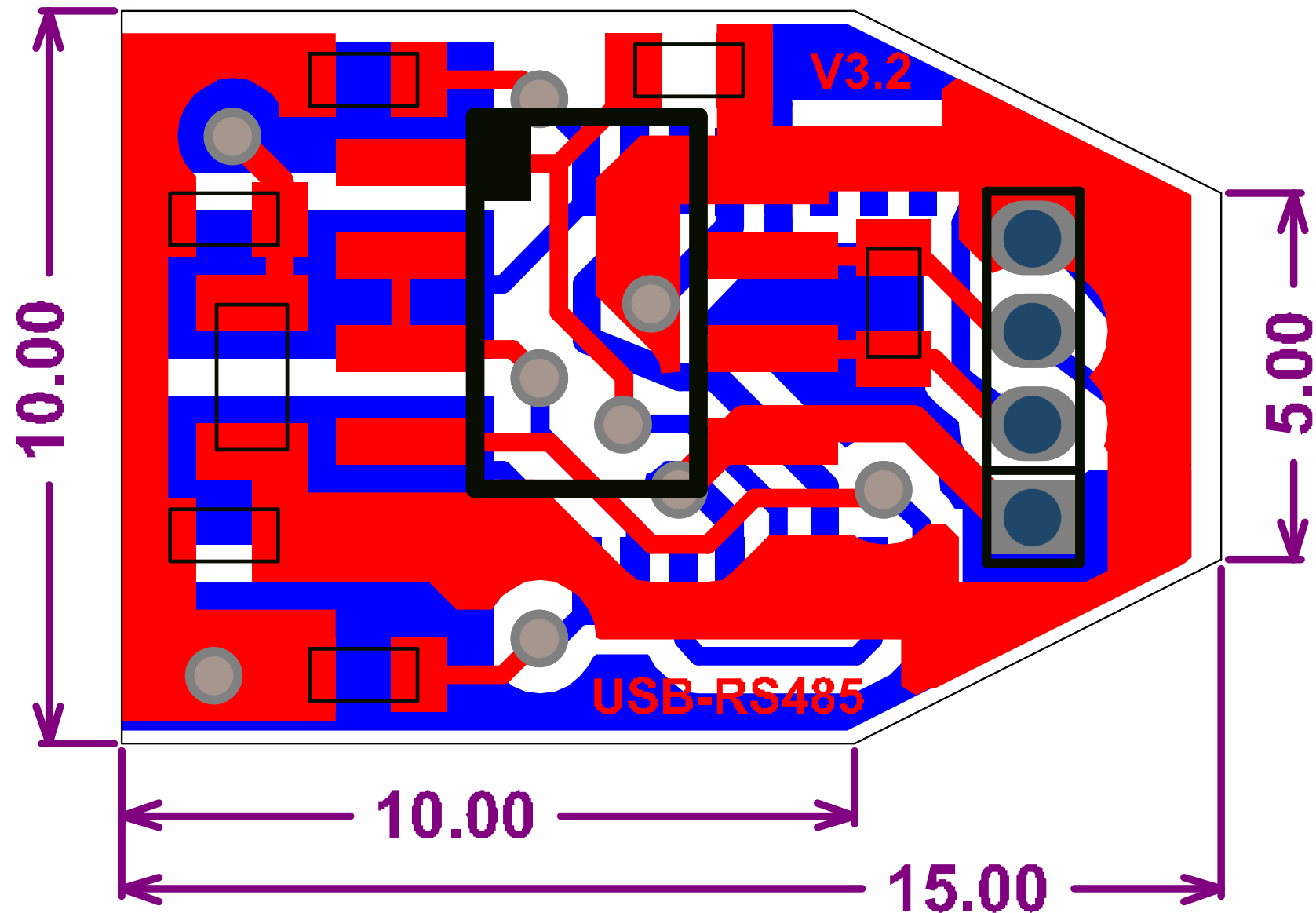
<http://www.pic18.eu>

Via: 0.030"/0.020"

Track: 0.010"

Isolation: 0.009"

Thickness: 0.020"



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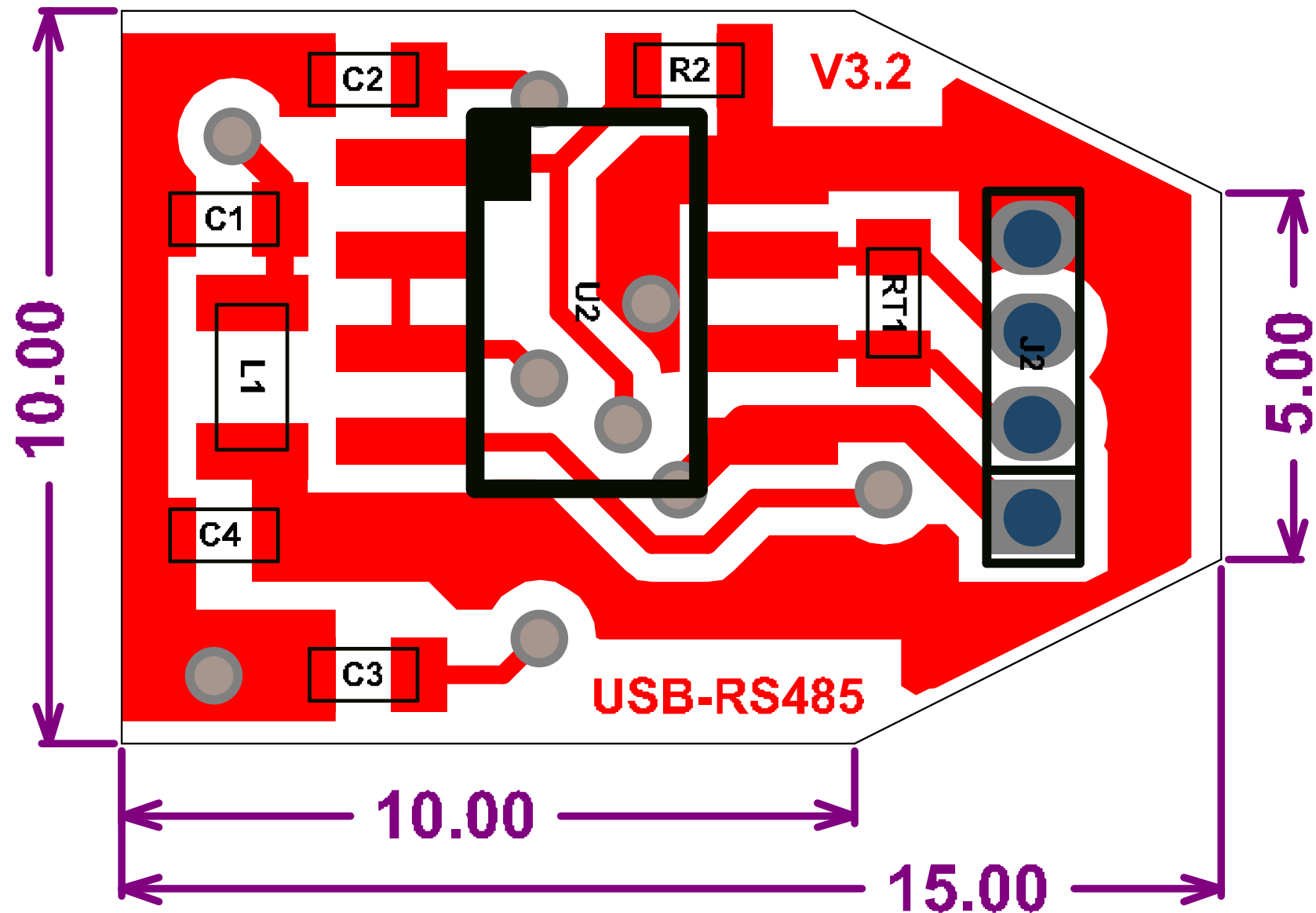
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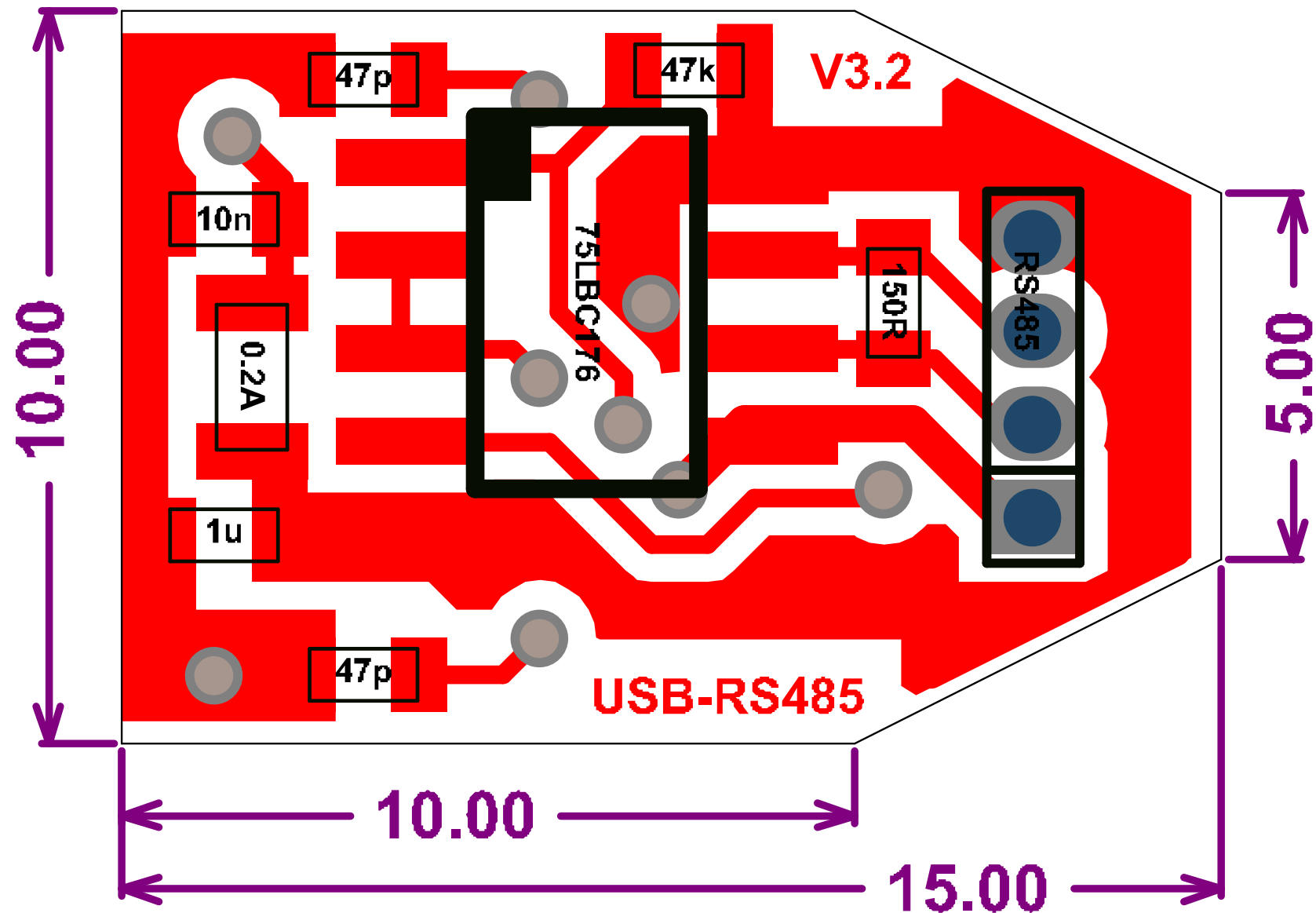
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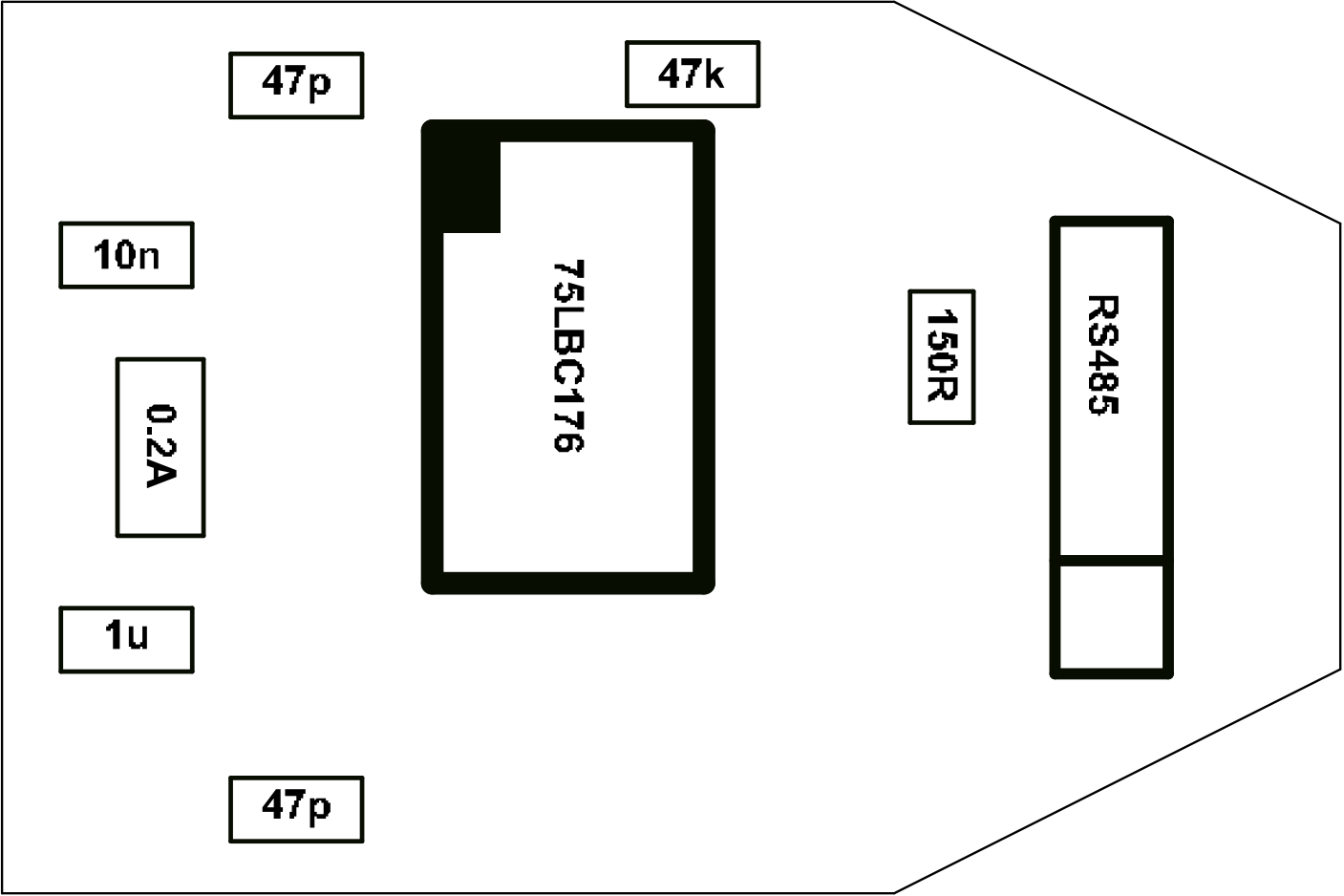
Via: 0.030"/0.020"

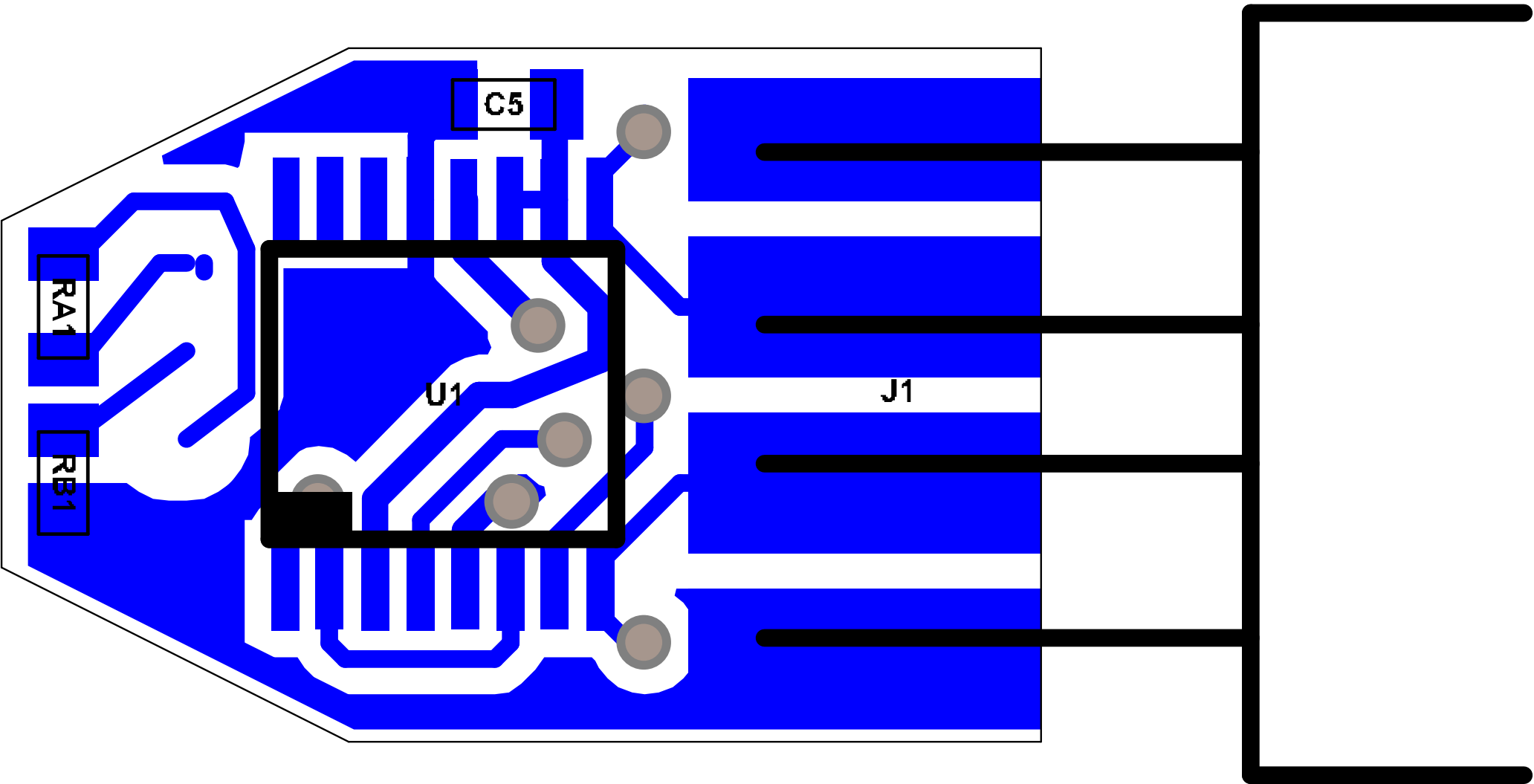
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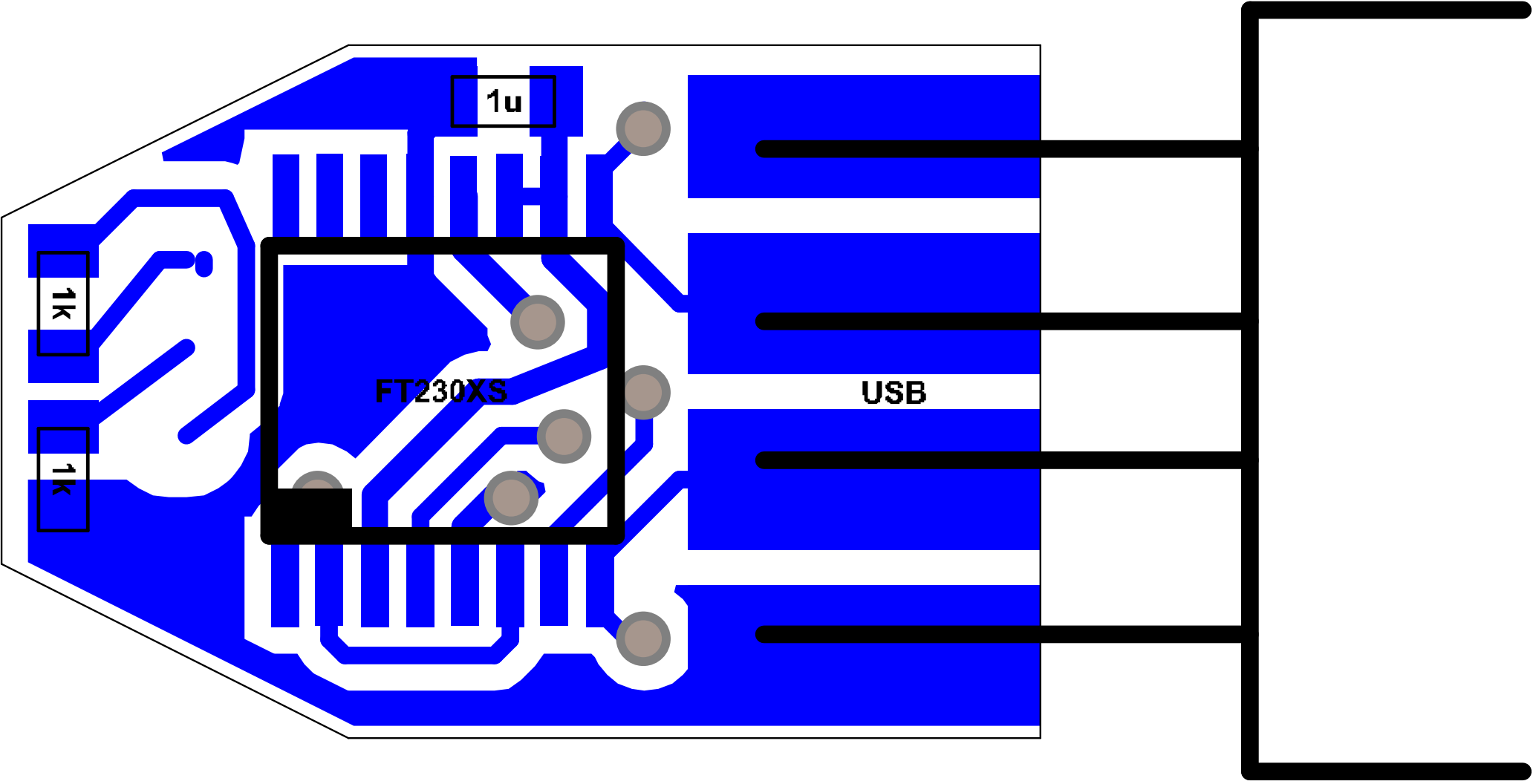
Isolation: 0.009"

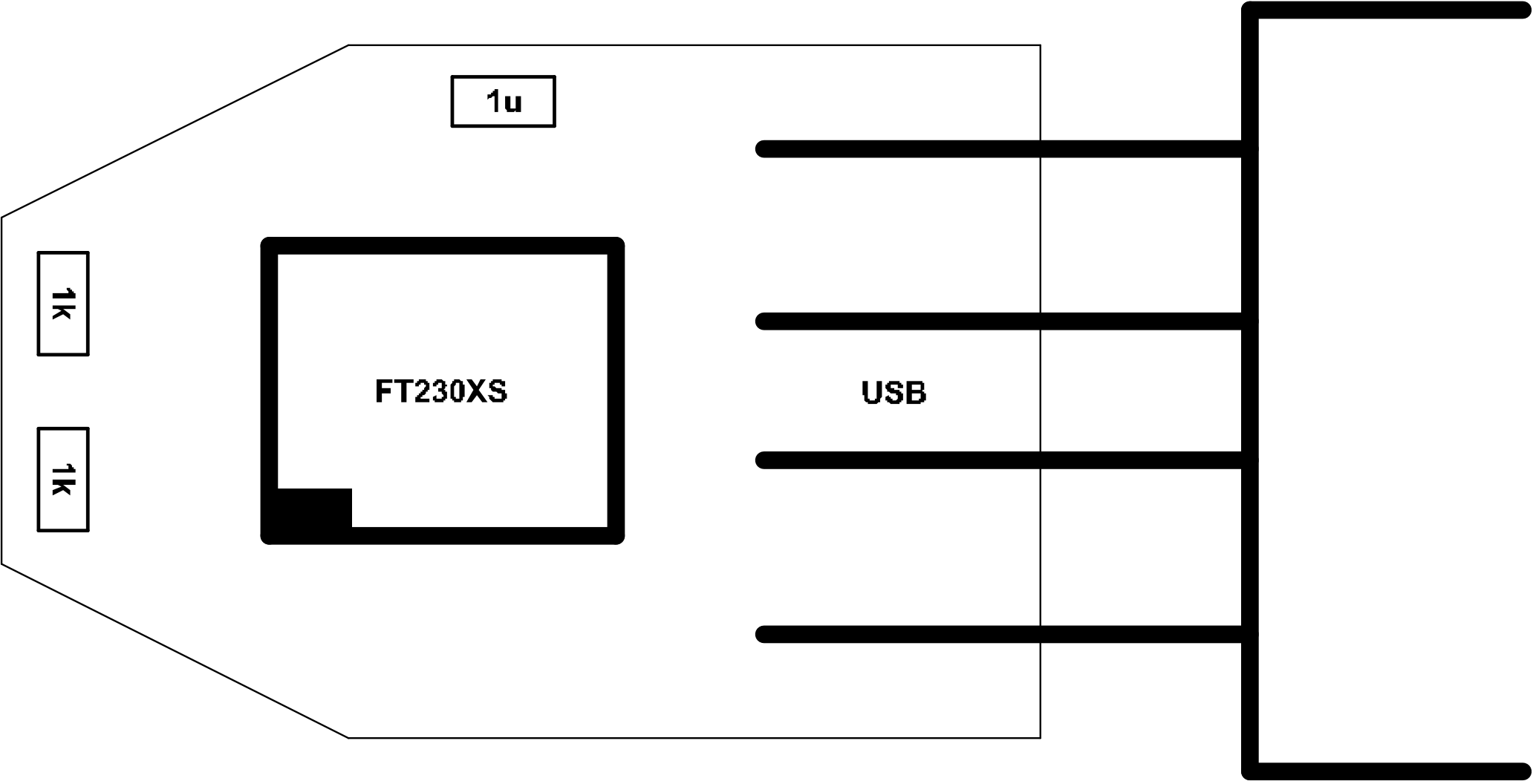
Thickness: 0.020"



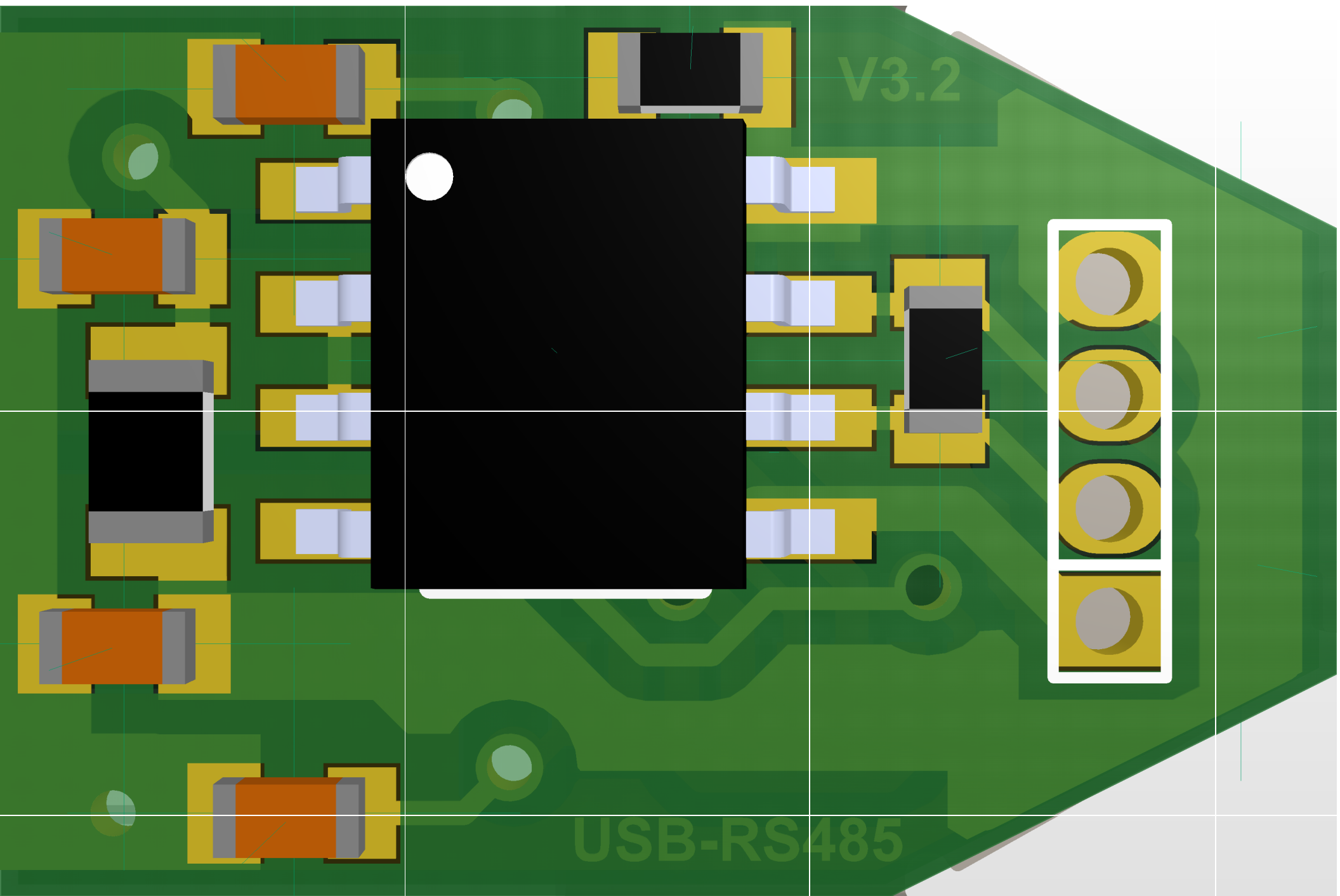


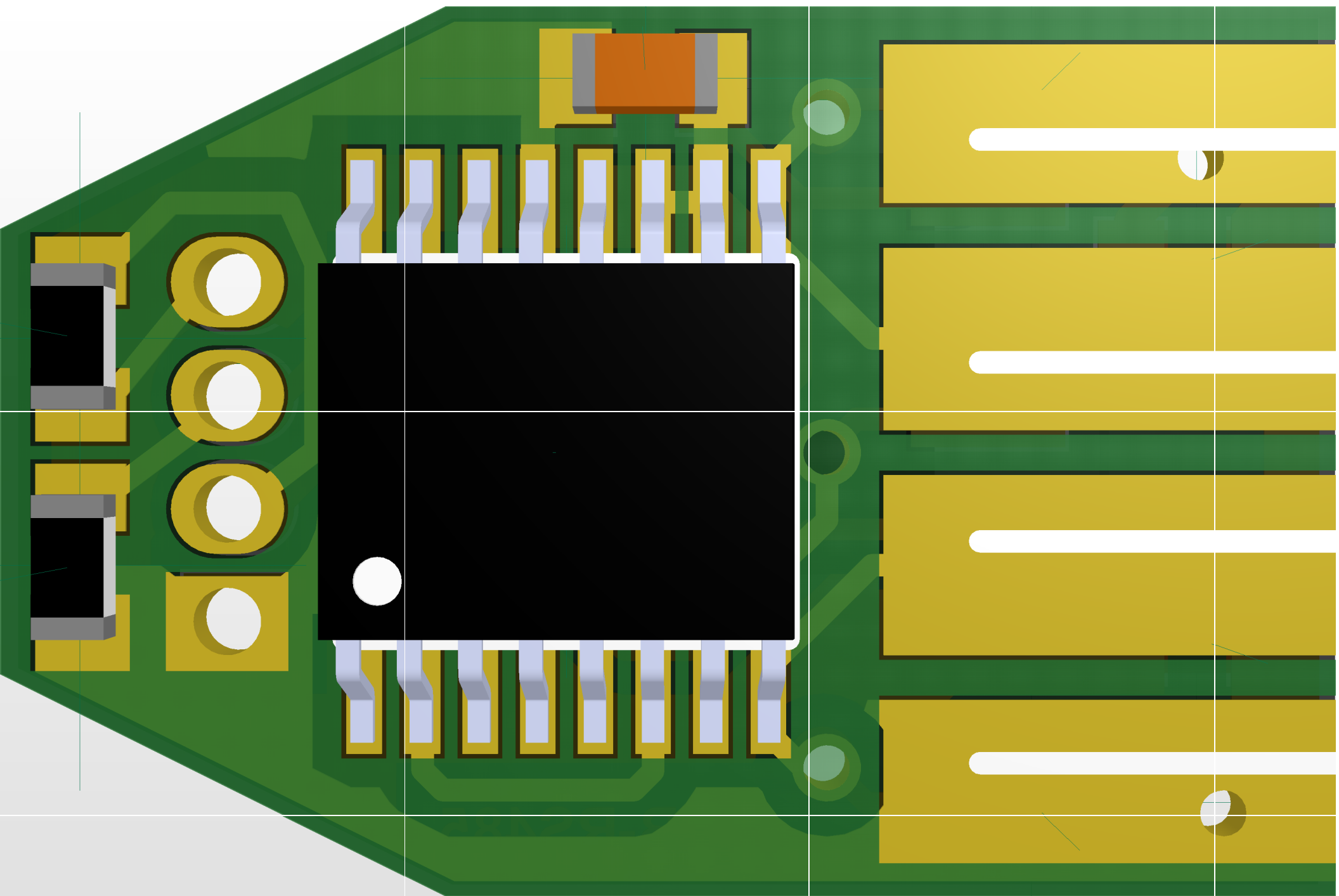


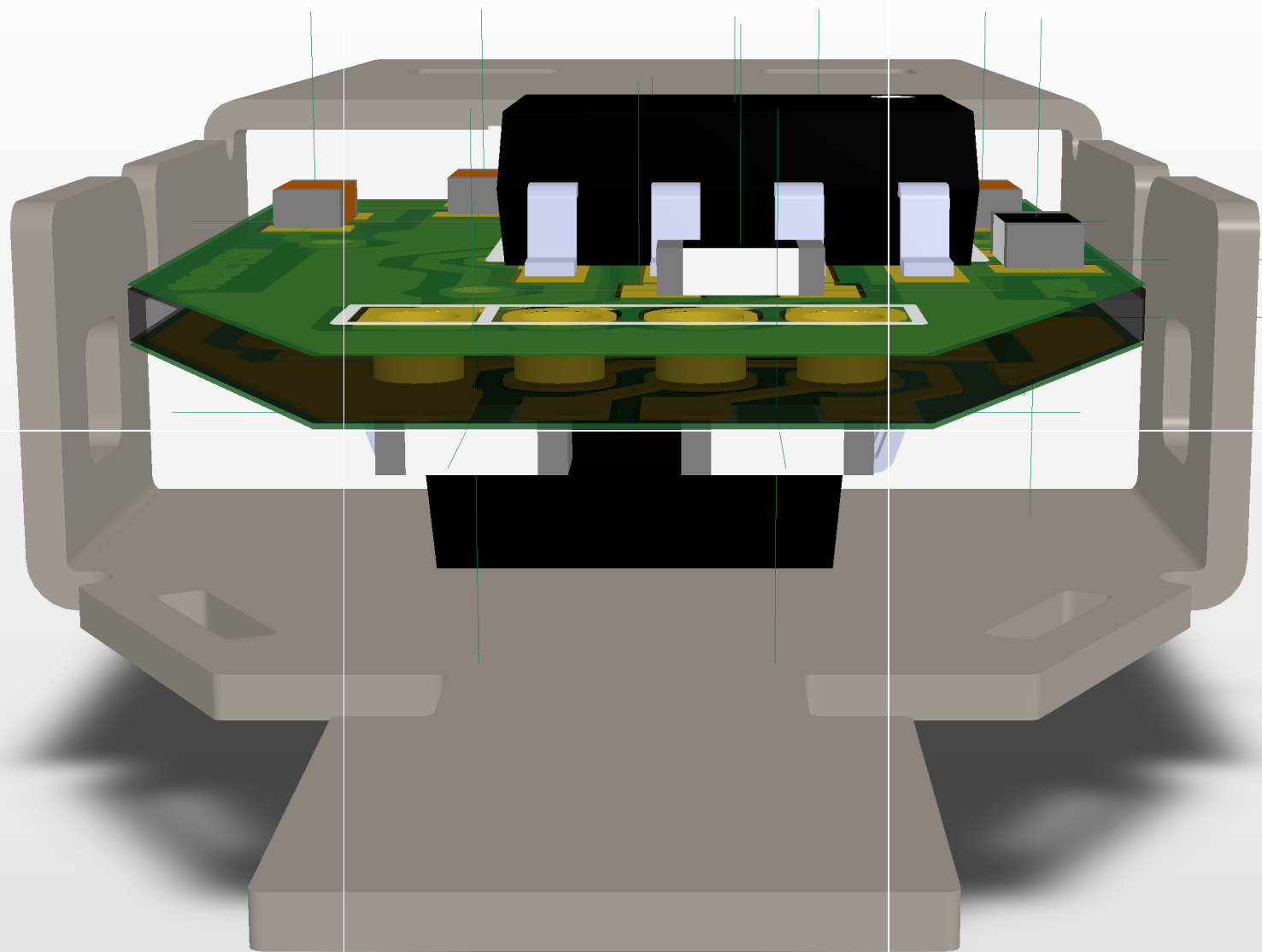


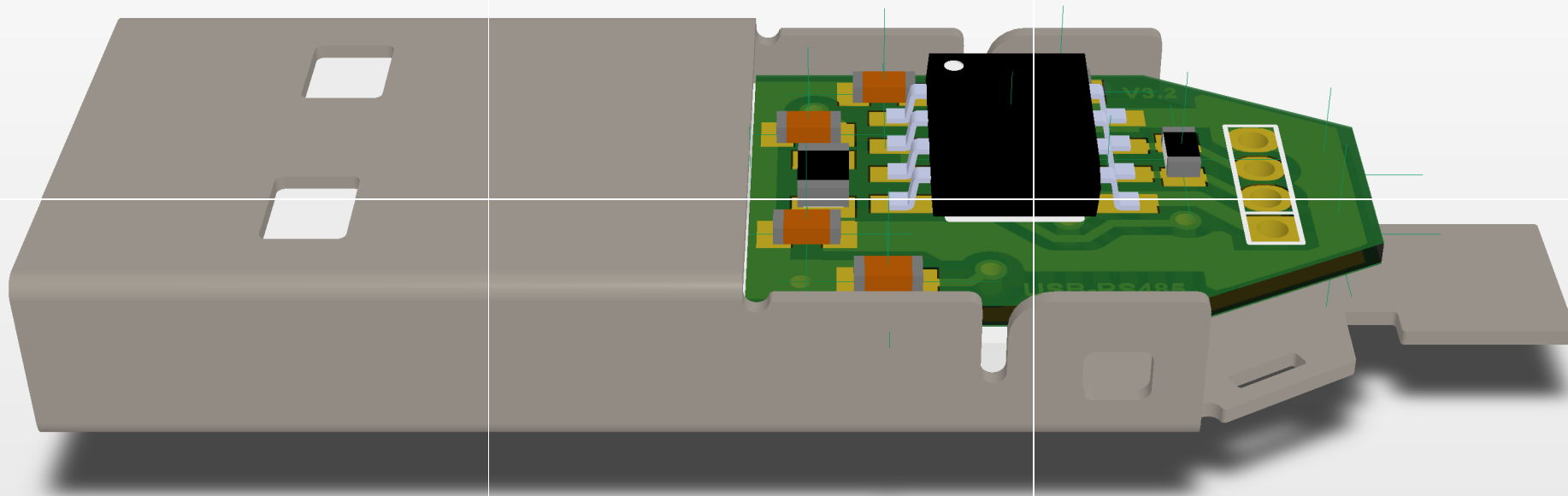












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Quantity	Comment	Footprint	Description	Designator	Supplier1	Value1	Supplier2	Value2
1	10n	0603	Capacitor	C1	lomex.hu	CC0603KPX7R9BB103		
2	47p	0603	Capacitor	C2, C3	lomex.hu	CC0603JRNP09BN470		
2	1u	0603	Capacitor	C4, C5	lomex.hu	CC0603KRX5R7BB105		
1	USB-A	USBA-PLUG	USB connector	J1	lomex.hu	USB-A04M-BH	aliexpress.com/store/538454	Solder Type A USB male connector
1	RS485	SIP4/50	Solder pads	J2				
1	0.2A	0805R	Inductor	L1	lomex.hu	CB05YTYN102		
1	47k	0603R	Resistor	R2	lomex.hu	47k 5% 0603		
2	1k	0603R	Resistor	RA1, RB1	lomex.hu	1k 5% 0603		
1	150R	0603R	Resistor	RT1	lomex.hu	150R 5% 0603		
1	FT230XS	SSOP16	USB interface	U1	at.mouser.com	FT230XS		
1	75LBC176	SO8	RS485 transciever	U2	lomex.hu	SN75LCB176DG4		