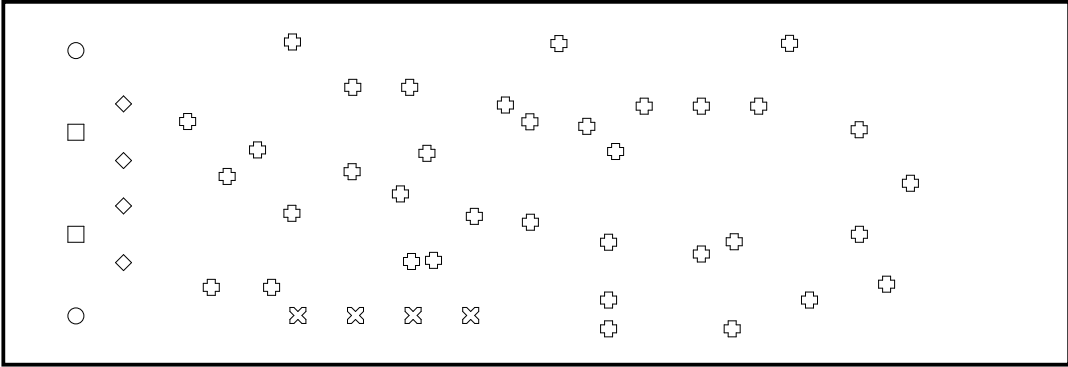
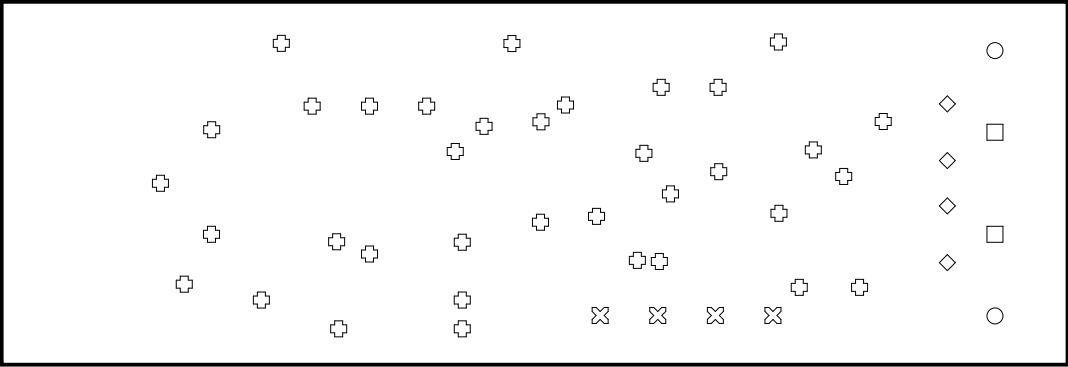


Drill Drawing Top View (Scale 3)



Drill Drawing Bottom View (Scale 3)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Type	Via / Pad	Hole Tolerance
⊕	36	0mm	Plated	Round	Via	None
⊗	4	1mm	Plated	Round	Pad	None
◇	4	1mm	Plated	Round	Pad	None
□	2	1mm	Non-Plated	Round	Pad	None
○	2	1mm	Plated	Slot	Pad	None
	48 Total					

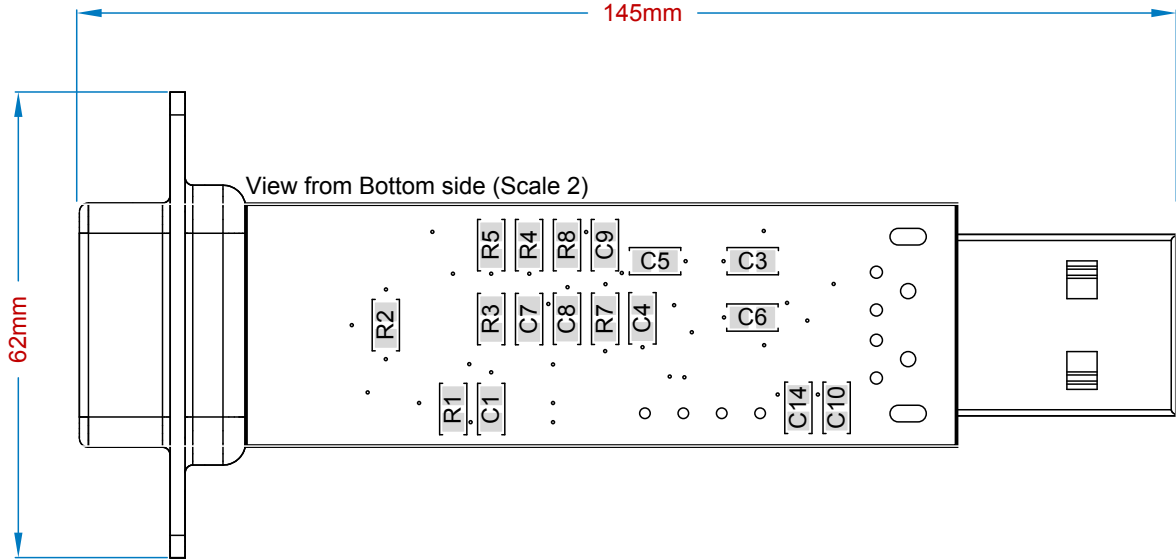
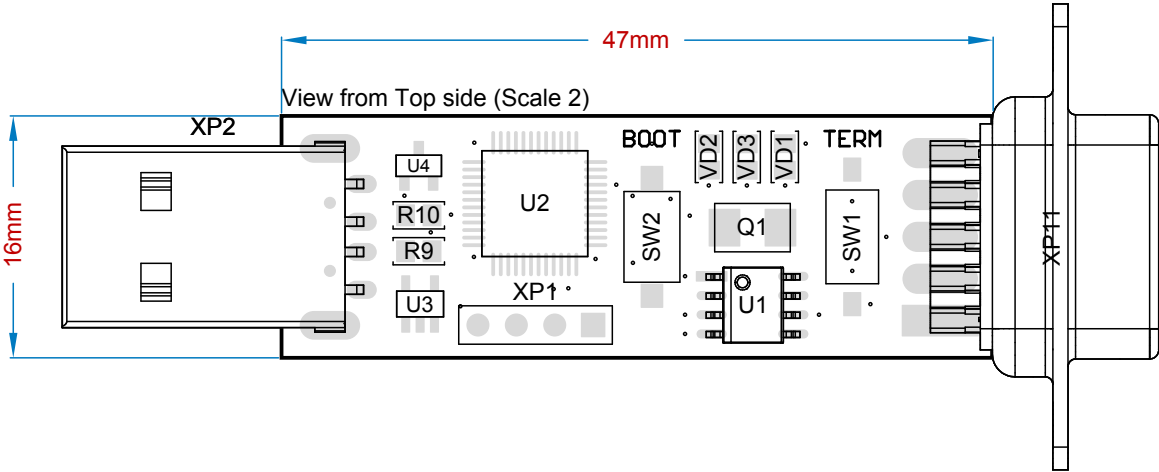
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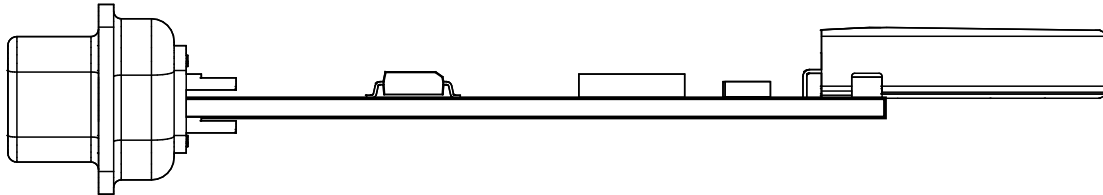
		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL± ANGULAR: MACH± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL FINISH DO NOT SCALE DRAWING		NAME	DATE	TITLE  USB to CAN converter		
			DRAWN	Romanov	28.09.2018			
			CHECKED					
			ENG APPR.					
			MFG APPR.					
			Q.A.					
			COMMENTS:			SIZE	DWG. NO.	
NEXT ASSY	USED ON							
APPLICATION						SCALE: 1:1	WEIGHT:	SHEET 1 OF 3

1

1



View from Back side (Scale 2)



Bill Of Materials

Item	Designator	Comment	Quantity
1	C10	1uF	1
2	C1, C3-C6, C9, C14	100nF	7
3	C7, C8	22pF	2
4	Q1	8MHz	1
5	R9, R10	22	2
6	R2	120	1
7	R3	3k	1
8	R4, R5	620	2
9	R1, R7, R8	10k	3
10	SW1	SW_DIP/2.54	1
11	SW2	SW_SMD_6/3.7	1
12	U1	TJA1051	1
13	U2	STM32F072C8T6	1
14	U3	MC78LC33NTRG	1
15	U4	ESDA6V1L	1
16	VD1	RED	1
17	VD2, VD3	GREEN	2
18	XP1	HEAD-1/4/2.54	1
19	XP11	DB9M_CABLE	1
20	XP2	USB	1

2

2

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE  USB to CAN converter			
		DIMENSIONS ARE IN INCHES	DRAWN	Romanov	28.09.2018				
		TOLERANCES:	CHECKED						
		FRACTIONAL±	ENG APPR.						
		ANGULAR: MACH± BEND ±	MFG APPR.						
		TWO PLACE DECIMAL ±	Q.A.			COMMENTS:			
		THREE PLACE DECIMAL ±							
		INTERPRET GEOMETRIC TOLERANCING PER:							
		MATERIAL				SIZE	DWG. NO.		
		FINISH							
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING			SCALE:	1:1	WEIGHT:	SHEET 2 OF 3

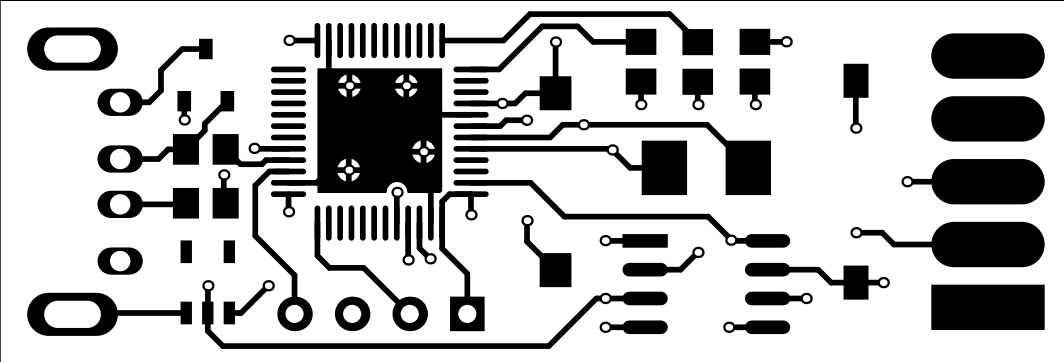
A

B

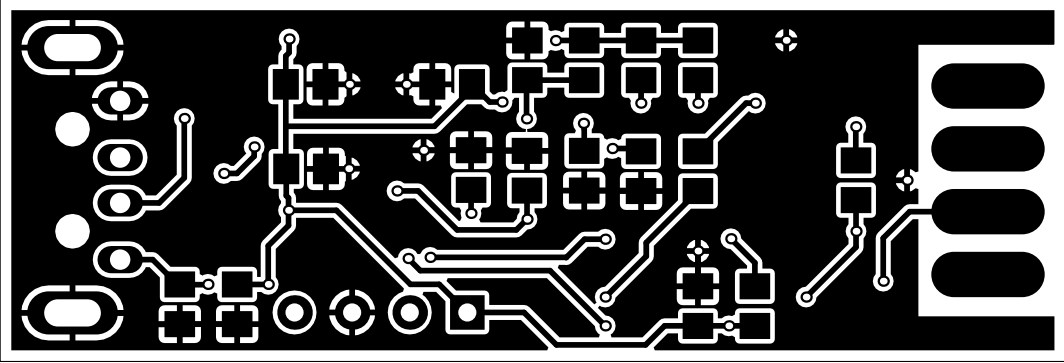
C

D

Top Layer (Scale 3)



Bottom Layer (Scale 3)



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE			
		DIMENSIONS ARE IN INCHES	DRAWN	Romanov	28.09.2018				
		TOLERANCES:	CHECKED						
		FRACTIONAL±	ENG APPR.						
		ANGULAR: MACH± BEND ±	MFG APPR.						
		TWO PLACE DECIMAL ±	Q.A.			COMMENTS:			
		THREE PLACE DECIMAL ±							
		INTERPRET GEOMETRIC TOLERANCING PER:							
		MATERIAL				SIZE	DWG. NO.		
		FINISH							
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING			SCALE: 1:1	WEIGHT:	SHEET 3 OF 3	