

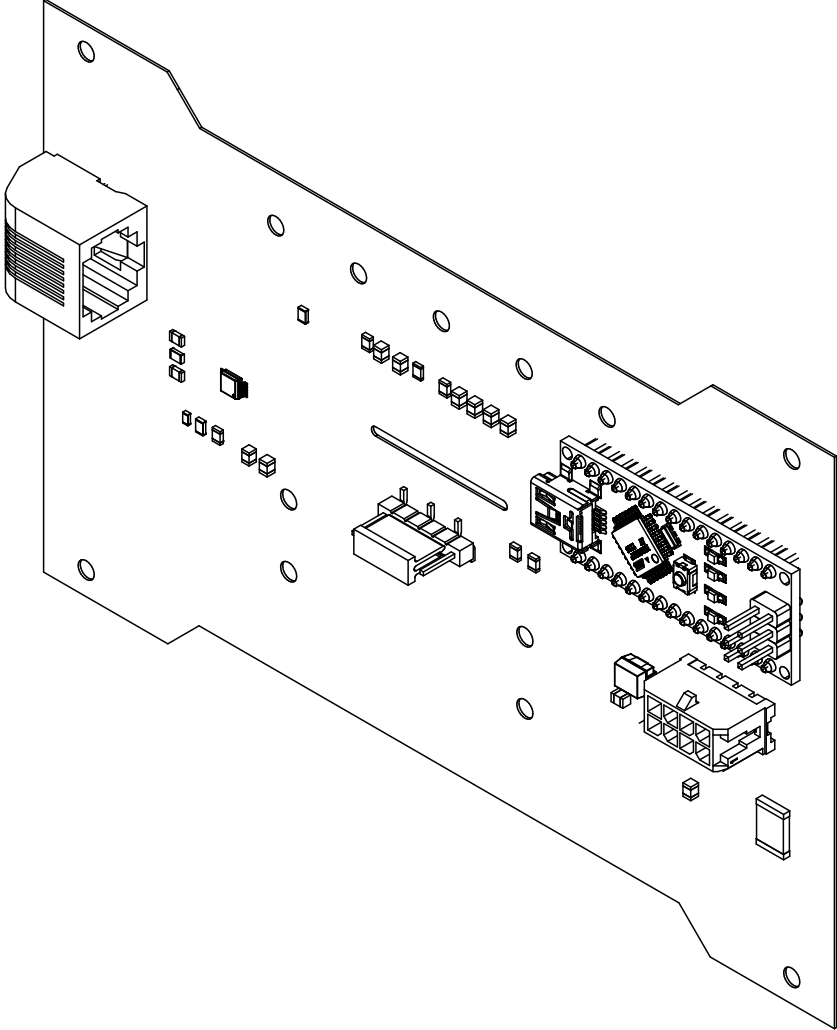
A

B

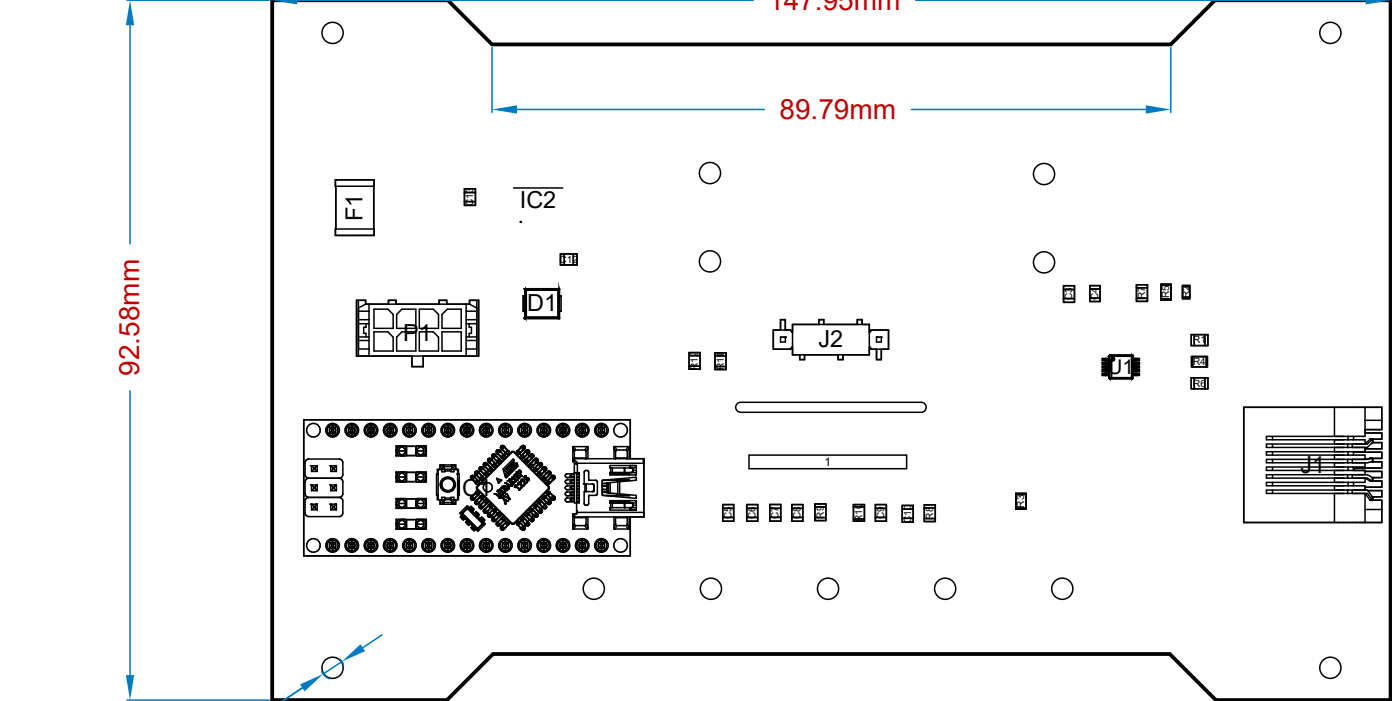
C

D

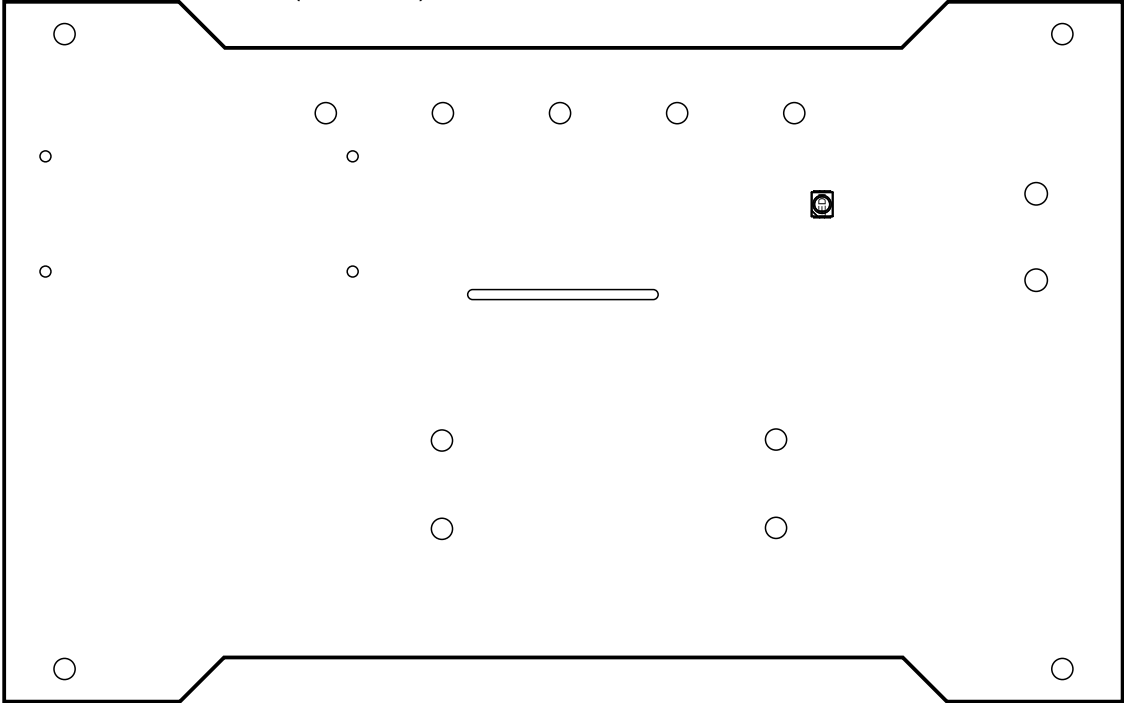
View from Top side (Scale 1:1)



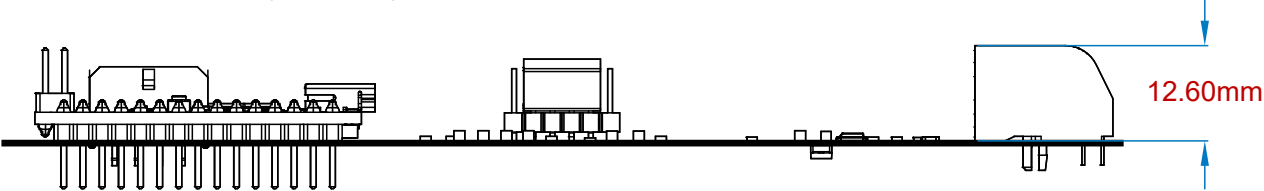
View from Top side (Scale 1:1)



View from Bottom side (Scale 1:1)



View from Back side (Scale 1:1)



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Loowatt Ltd		
		DIMENSIONS ARE IN INCHES	DRAWN	Darvesh	21/10/2020	TITLE BackEnd PCB		
		TOLERANCES:	CHECKED					
		FRACTIONAL±	ENG APPR.	D.V				
		ANGULAR: MACH± BEND ±	MFG APPR.	Weller PCB				
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO. 1		
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL				SCALE: 1:1 WEIGHT: SHEET 1 OF 4		
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING						

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.01mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.04mm		Signal	GTL
		0.32mm	FR-4	Dielectric	
Copper	Bottom Layer	0.04mm		Signal	GBL
Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 0.41mm					

Bill Of Materials

Line #	Designator	Comment	Quantity
1	1	UG-2864HSWEG01	1
2	C3, C5, C6, C7, C8, C12, C13	C0805C105K4PACTU	7
3	C4	GRM21BR71H104KA01L	1
4	C9, C10	0805YD475KAT2A	2
5	D1	LSM115JE3/TR13	1
6	F1	OZCF0030FF2C	1
7	IC1	ABX00028	1
8	IC2	BD90C0AFP-CE2	1
9	J1	615008143721	1
10	J2	TSM-106-02-T-SV	1
11	LED1	150141GS73100	1
12	P1	43045-0812	1
13	R1, R6, R7	ERA6AEB391V	3
14	R2	ERJ-3EKF3900V	1
15	R3	RC0805FR-071KL	1
16	R4, R5	RC0805FR-07100RL	2
17	R8, R9, R11, R12	ERJ-6ENF4701V	4
18	R10	CRCW0805390KFKEA	1
19	U1	PCA9615DPJ	1

1

1

2

2

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		THREE PLACE DECIMAL ±	COMMENTS:			SIZE DWG. NO. 1			
		INTERPRET GEOMETRIC							
		TOLERANCING PER:							
		MATERIAL							
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING				SCALE:	1:1	WEIGHT:	SHEET 2 OF 4

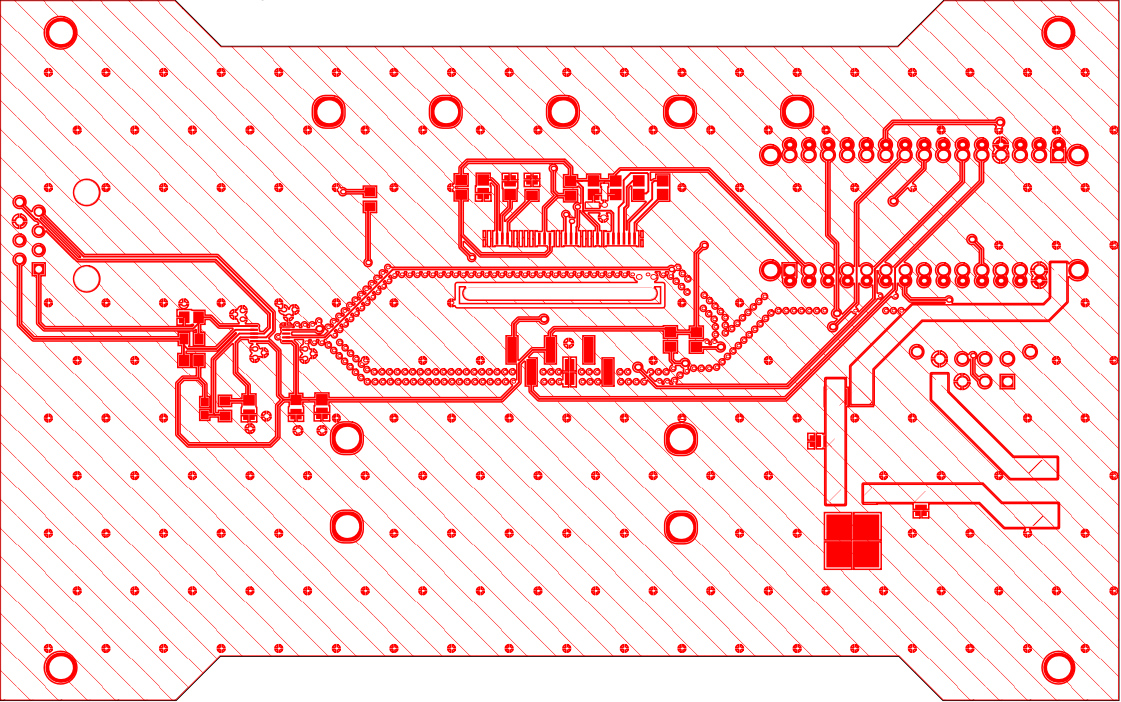
A

B

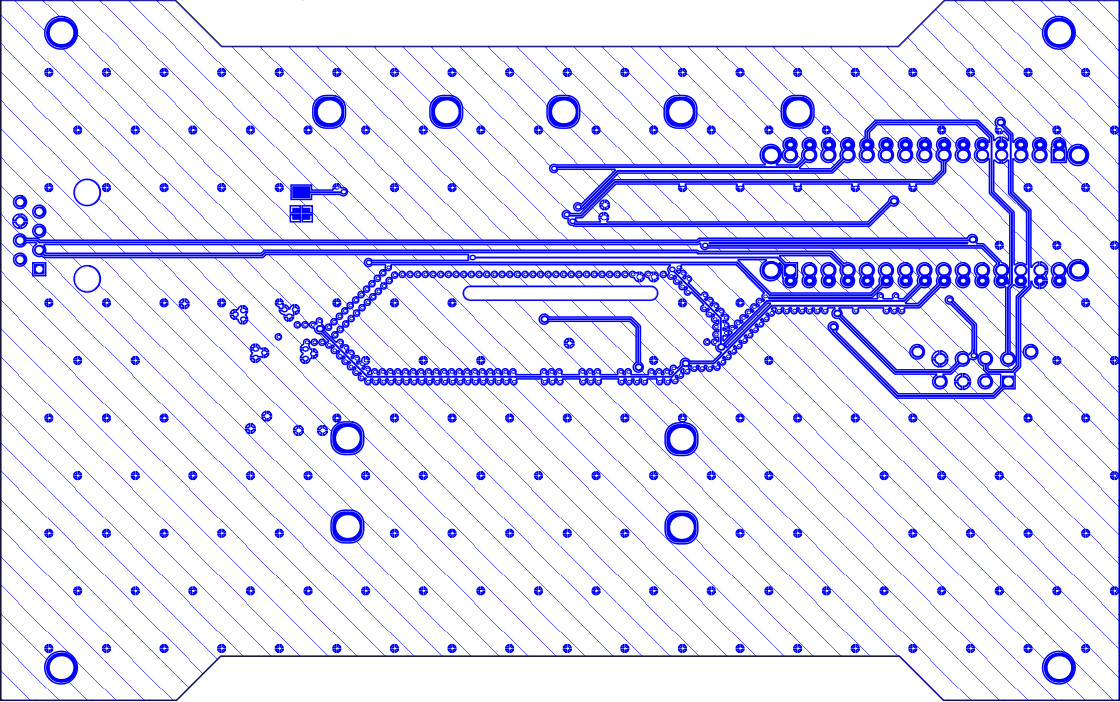
C

D

Top Layer (Scale 1:1)



Bottom Layer (Scale 1:1)



1

1

2

2

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		TWO PLACE DECIMAL ±	Q.A.								
		THREE PLACE DECIMAL ±	COMMENTS:								
		INTERPRET GEOMETRIC				SIZE			DWG. NO. 1		
		TOLERANCING PER:									
		MATERIAL									
NEXT ASSY	USED ON	FINISH									
APPLICATION		DO NOT SCALE DRAWING				SCALE:	1:1	WEIGHT:	SHEET 3 OF 4		

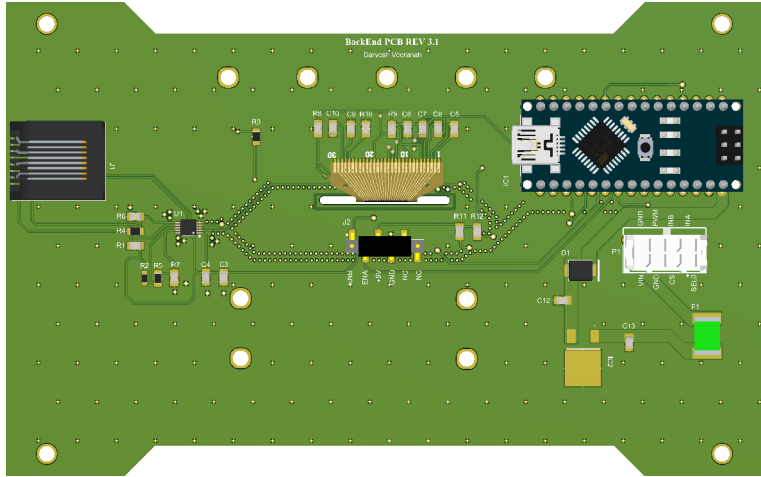
A

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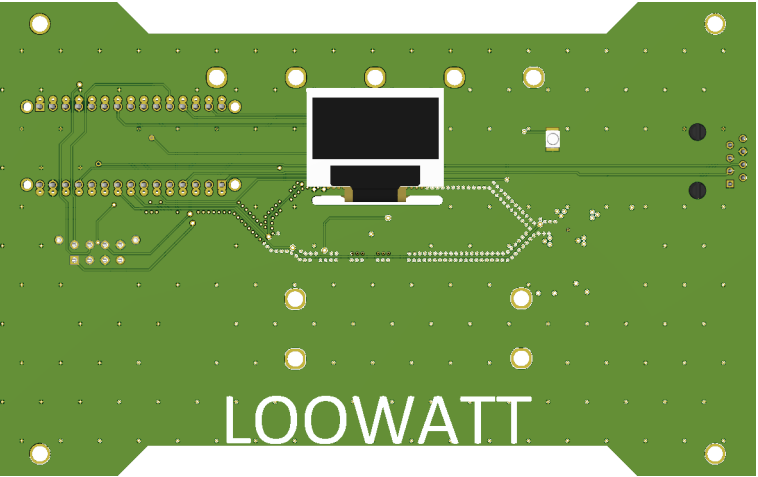
C

D

Realistic View



Realistic View



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		ANGULAR: MACH± BEND ±	MFG APPR.	Weller PCB					
		TWO PLACE DECIMAL ±				SIZE 1			
		THREE PLACE DECIMAL ±							
		INTERPRET GEOMETRIC	Q.A.						
		TOLERANCING PER:	COMMENTS:						
		MATERIAL				SIZE	DWG. NO. 1		
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING				SCALE:	1:1	WEIGHT:	SHEET 4 OF 4