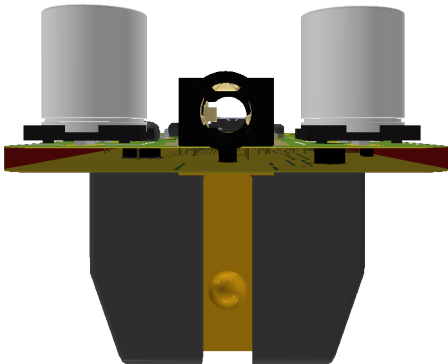
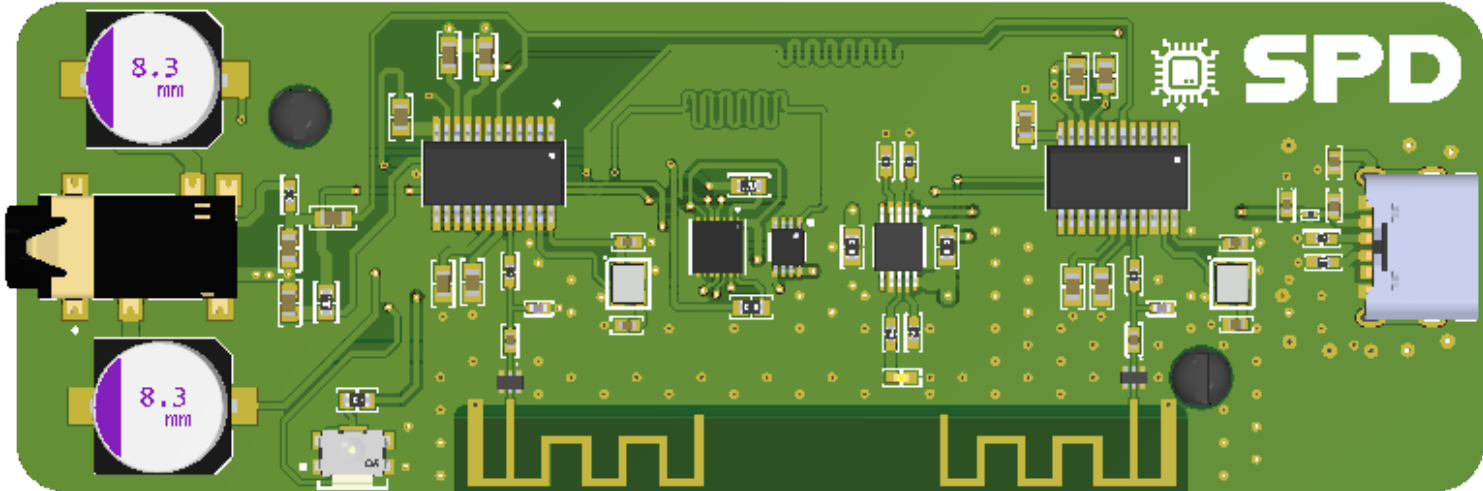
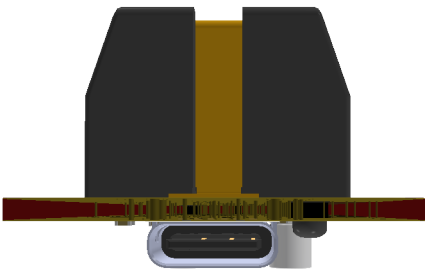
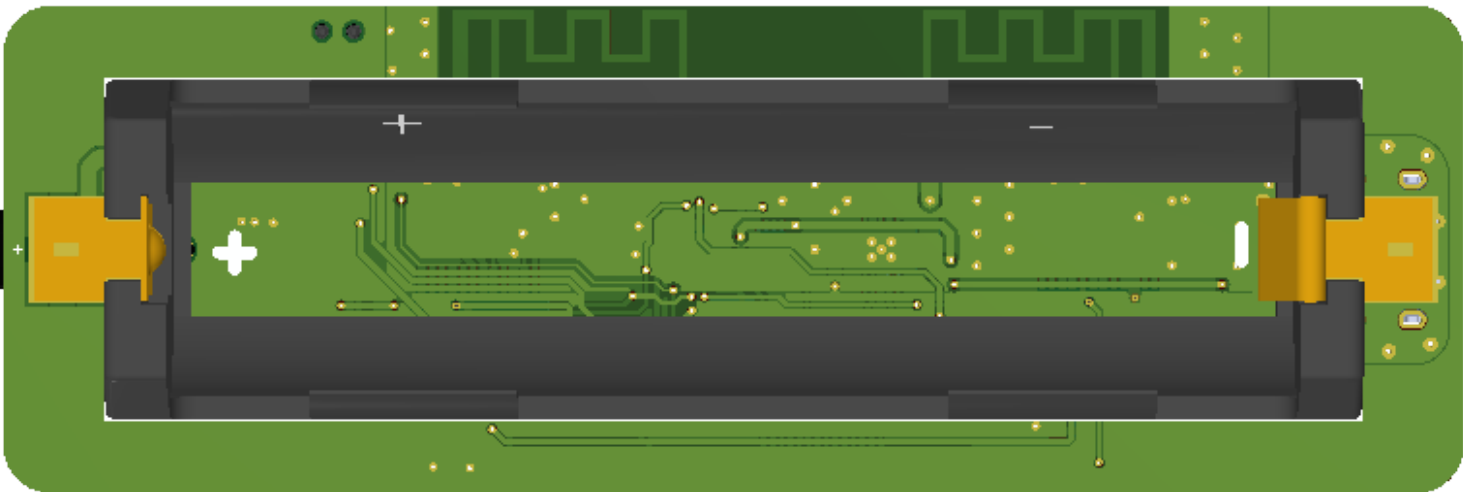


REV STATUS OF SHEETS	REV									REVISIONS						
	SHEET									ZONE	REV	DESCRIPTION	DATE	APPROVED		

Realistic View Top




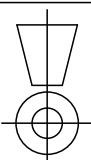
Realistic View Bottom



APPROVALS	DATE
ENGINEER: DHARAGESWARAN S	08.01.2023
DESIGNER: DHARAGESWARAN S	08.01.2023
CHECKER: DHARAGESWARAN S	08.01.2023

Reference Documents	
BOM DOC:	#0112023010840
ASSY DOC:	#0112023010820
SCH DOC:	#0112023010800
PCB DOC:	#0112023010810

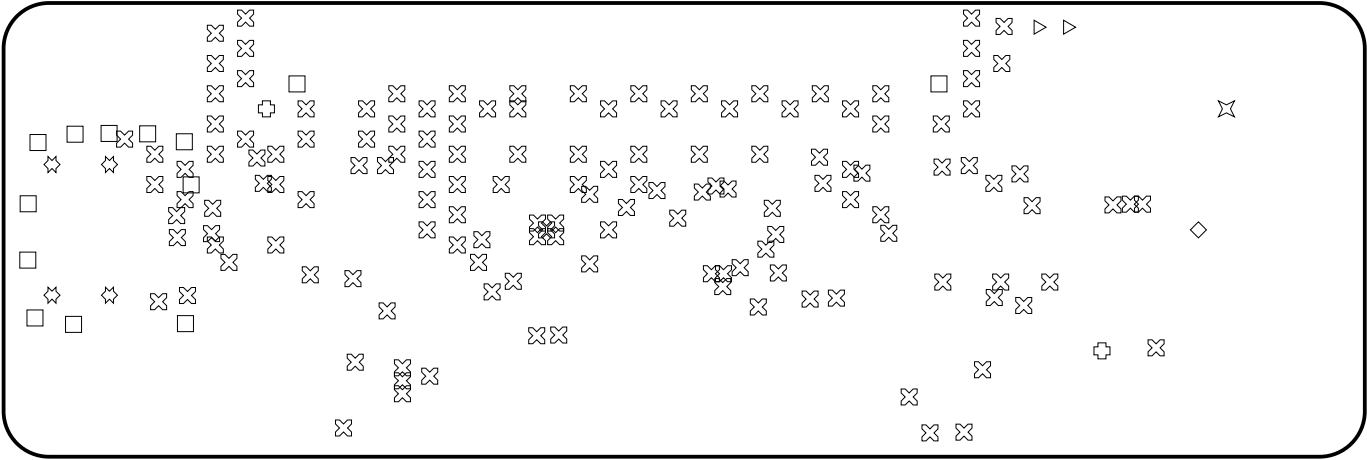
	
PART NO: #0120230100	sdhamuvkl@gmail.com
TITLE: BLE-MUX	
SIZE: A4	REV: V1.1
SCALE:	FILE NAME: BLE.PCBDwf
SHEET: 1	OF 7

THIRD ANGLE PROJECTION	
	
NEXT ASSY	USED ON
APPLICATION	



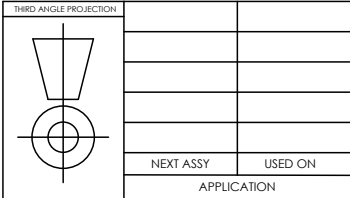
REV STATUS OF SHEETS	REV											REVISIONS					
	SHEET											ZONE	REV	DESCRIPTION	DATE	APPROVED	

Drill Drawing View (Scale 2:1)




Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
✕	144	0.20mm	Plated	
□	13	0.30mm	Plated	
☆	4	0.60mm	Plated	
▽	2	0.90mm	Non-Plated	
◇	1	1.50mm	Non-Plated	
✕	1	2.39mm	Non-Plated	
+	2	3.45mm	Non-Plated	
	167 Total			



APPROVALS		DATE	
ENGINEER: DHARAGESWARAN S		08.01.2023	
DESIGNER: DHARAGESWARAN S		08.01.2023	
CHECKER: DHARAGESWARAN S		08.01.2023	
Reference Documents			
BOM DOC:		#0112023010840	
ASSY DOC:		#0112023010820	
SCH DOC:		#0112023010800	
PCB DOC:		#0112023010810	

**SPD**

**PART NO:** #0120230100

**TITLE:** BLE-MUX

**SIZE:** A4

**CAGE CODE:**

**DWG NO:** #0112023010820

**REV:** V1.1

**SCALE:**

**FILE NAME:** BLE.PCBDwf

**SHEET:** 3 OF 7

REV STATUS OF SHEETS	REV											REVISIONS				
	SHEET											ZONE	REV	DESCRIPTION	DATE	APPROVED

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
Core		1.50mm	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: 1.60mm

THIRD ANGLE PROJECTION	
NEXT ASSY	USED ON
APPLICATION	

APPROVALS		DATE
ENGINEER: DHARAGESWARAN S		08.01.2023
DESIGNER: DHARAGESWARAN S		08.01.2023
CHECKER: DHARAGESWARAN S		08.01.2023
Reference Documents		
BOM DOC:		#0112023010840
ASSY DOC:		#0112023010820
SCH DOC:		#0112023010800
PCB DOC:		#0112023010810
PART NO:		#0120230100
TITLE:		BLE-MUX
SIZE:	CAGE CODE:	DWG NO:
A4		#0112023010820
SCALE:	FILE NAME:	SHEET: 4 OF 7
	BLE.PCBDwf	

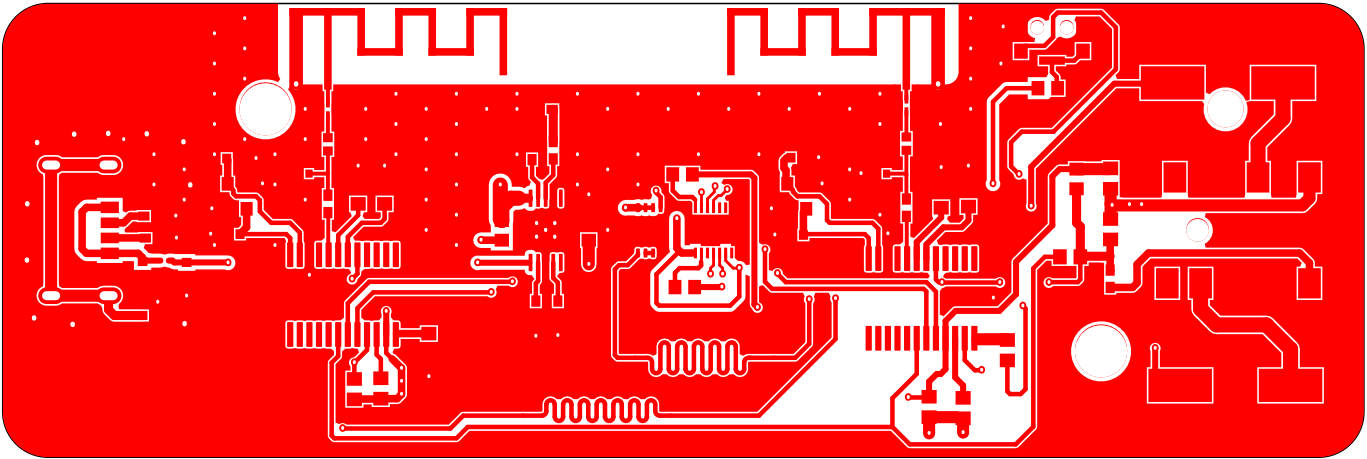


sdhamuvkl@gmail.com

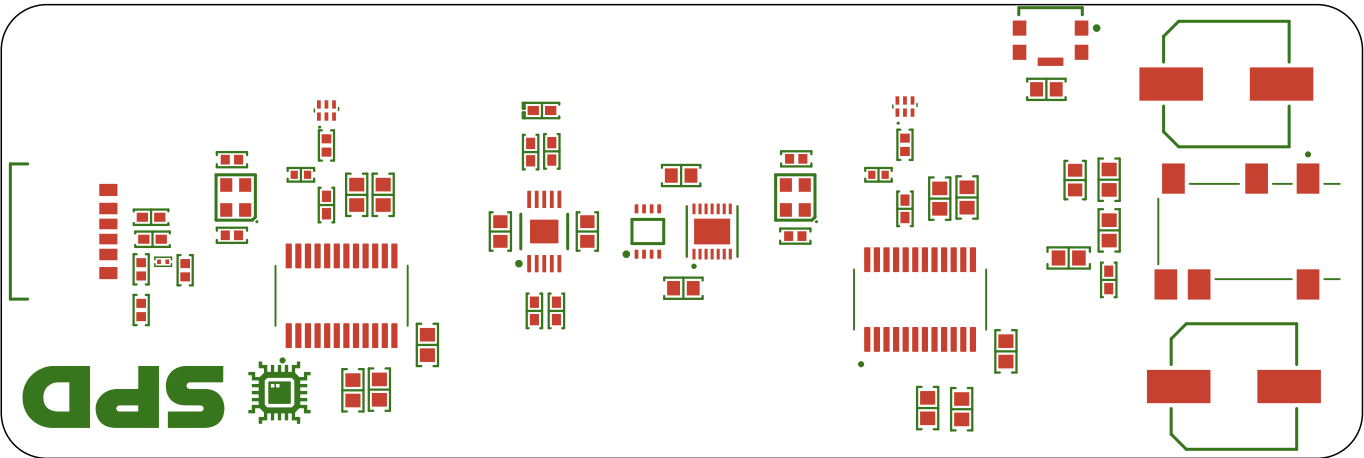
DWG NO: #0112023010830  
REV: .lfe

REV STATUS OF SHEETS	REV										REVISIONS				
	SHEET										ZONE	REV	DESCRIPTION	DATE	APPROVED

Top Layer (Scale 2:1)



Top Paste (Scale 2:1)



APPROVALS	DATE
ENGINEER: DHARAGESWARAN S	08.01.2023
DESIGNER: DHARAGESWARAN S	08.01.2023
CHECKER: DHARAGESWARAN S	08.01.2023

Reference Documents	
BOM DOC:	#0112023010840
ASSY DOC:	#0112023010820
SCH DOC:	#0112023010800
PCB DOC:	#0112023010810

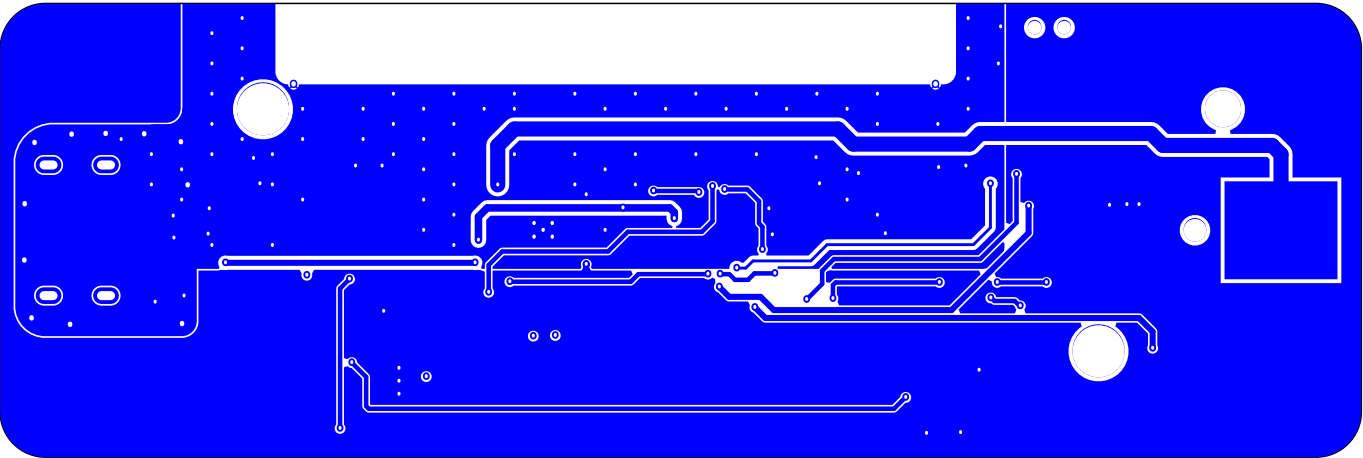
THIRD ANGLE PROJECTION	
NEXT ASSY	USED ON
APPLICATION	



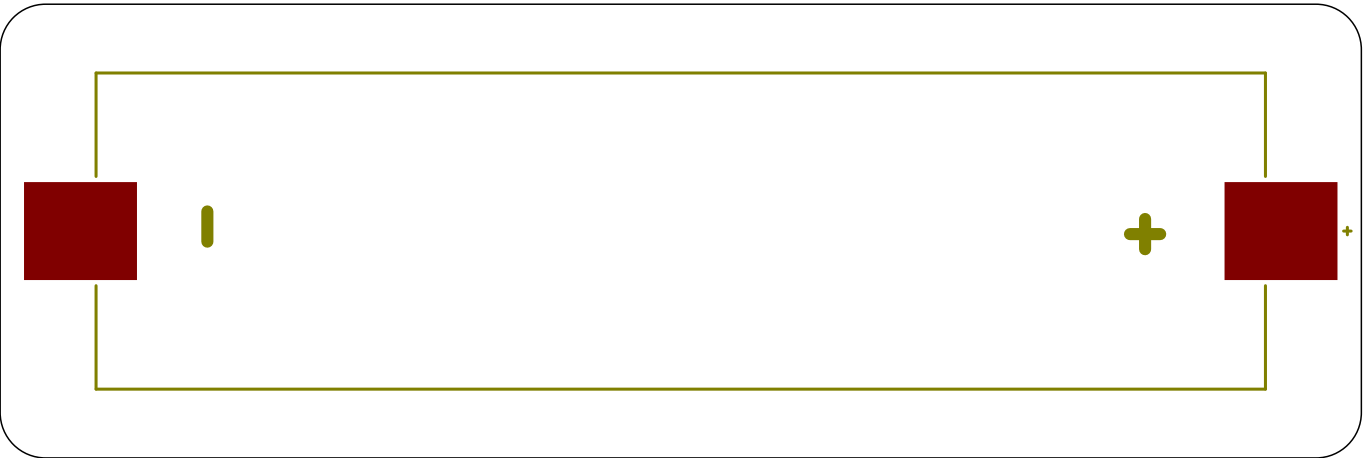
PART NO: #0120230100		sdhamuvkl@gmail.com	
TITLE: BLE-MUX			
SIZE: A4	CAGE CODE:	DWG NO: #0112023010820	REV: V1.1
SCALE:	FILE NAME: BLE.PCBDwf	SHEET: 5	OF 7

REV STATUS OF SHEETS	REV										REVISIONS				
	SHEET										ZONE	REV	DESCRIPTION	DATE	APPROVED


Bottom Layer (Scale 2:1)



Bottom Paste (Scale 2:1)



THIRD ANGLE PROJECTION	
NEXT ASSY	USED ON
APPLICATION	

APPROVALS		DATE	
ENGINEER: DHARAGESWARAN S		08.01.2023	
DESIGNER: DHARAGESWARAN S		08.01.2023	
CHECKER: DHARAGESWARAN S		08.01.2023	
<div><div></div><div><h1>SPD</h1></div></div>			
PART NO: #0120230100		sdhamuvkl@gmail.com	
TITLE: BLE-MUX			
Reference Documents			
BOM DOC: #0112023010840			
ASSY DOC: #0112023010820			
SCH DOC: #0112023010800			
PCB DOC: #0112023010810			
SIZE: A4	CAGE CODE:	DWG NO: #0112023010820	REV: V1.1
SCALE:	FILE NAME: BLE.PCBDwf	SHEET: 6	OF 7

ANT1B_U_BLE1, ANT1B_U_BLE2	ANTENNA	2
BT1A	1042P	1
C1A, C2A	2.2μF	2
C1B_U_BLE1, C1B_U_BLE2	2.7pF	2
C1C, C2C	470 μF	2
C2B_U_BLE1, C2B_U_BLE2, C2B_U_BLE3, C2B_U_BLE4		

C3B_U_BLE1, C3B_U_BLE2, C4B_U_BLE1, C4B_U_BLE2, C5B_U_BLE1, C5B_U_BLE2, C6B_U_BLE1, C6B_U_BLE2	1 $\mu$ F	10
C3A	4700 pF	1
C3C	0.1 $\mu$ F	1

C4C, C5C	DNP	2
C7B_U_BLE1, C7B_U_BLE2, C8B_U_BLE1, C8B_U_BLE2	DNP	4
D1A	Yellow	1
FB1A	120 Ohms @ 100MHz	1
FL1B_U_BLE1, FL1B_U_BLE2	2450LP14A100T	2
I1A	USB1125-GE-A	1

J1A	USB4123-CP-A	1
J1C	54-00177	1
L1B_U_BLE1, L1B_U_BLE2	DNP	2
R1A, R3A	0 Ohms	2
R1B_U_BLE1, R1B_U_BLE2, R4C	0 Ohms	3
R1C	1 kOhms	1
R2A, R7A	2 kOhms	2
R2C, R3C	4.7 Ohms	2
R1A, R5A	5.1 kOhms	2

