

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Project:

Baseboard Sensors Extension

Drawing number: 1

Rev: r1

Format: Laboratory: PBL

Sheet: sensors.SchDoc

Date: 19.01.2024 09:15:16

A4 Q Drawn by: Ch. Vogt

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File: C:\Users\Christian\Documents\Projects\ETH_PROJ_imu_sensorboard\sensors.SchDoc

A

B

C

D

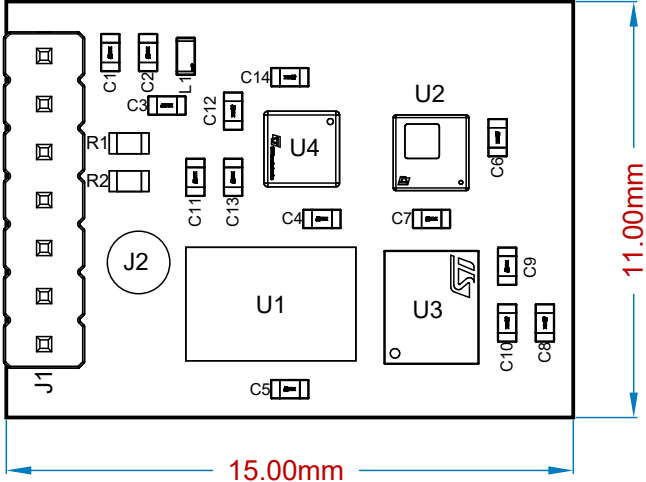
A

B

C

D

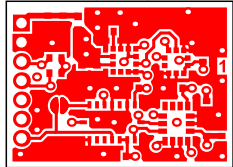
View from Top side (Scale 5:1)



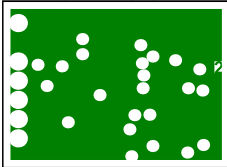
Bill Of Materials

Line #	Designator	Comment	Quantity
1	C1, C2, C3	10u	3
2	C4, C6, C8, C11	1u	4
3	C5, C7, C9, C10, C12, C13, C14	100n	7
4	J1	GRPB071VWVN-RC	1
5	J2	Solder Jumper	1
6	L1	MLZ1005M1R0WT000	1
7	R1, R2	2k2	2
8	U1	BMI088	1
9	U2	LPS22HHTR	1
10	U3	LSM6DSRTR	1
11	U4	LIS3MDLTR	1

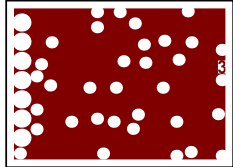
Top Layer (Scale 2:1)



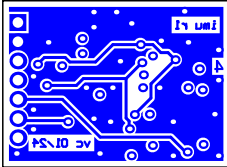
Int1 (GND) (Scale 2:1)



Int2 (PWR) (Scale 2:1)



Bottom Layer (Scale 2:1)



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File: C:\Users\Christian\Documents\Projects\ETH_PROJ_imu_sensorboard\imu_board_assembly.PCBDwf