Id	Designator
14	U1
20	U2
6	J7
30	U3
17	R9
4	R2
15	R3,R4
26	R1,R5
5	R15,R16,R14
8	R13,R12
10	R_BME_SDA1,R_BME_SCL1,R_SAM_SDA1,R_MPU_SCL1,R_MPU_SDA1,R_SAM_SCL1
13	R_BL2
21	R10,R11
22	R_BL1
19	S2,S3,S1
28	U4
12	J5
18	J1
25	U5
32	U6
1	D2,D1,D3
9	Y1
3	C8,C10
7	C1,C4,C17
24	C6,C14,C13,C15,C7,C11,C12,C9,C5,C16
29	C2,C3
2	C_BME_VDDIO1,C_VDD_MPU1,C_MPU_REG1,C_BME_VDD1
11	C_VDDIO_MPU1
16	C_SAM_VCCIO1,C_SAM_VCC1,C_SAM_VBCKP1
23	C18
27	J4
31	J2

BOM

Footprint	Quantity	Designation
SOT-223-3_TabPin2	1	NCP1117-3.3_SOT223
SOIC-8_5.3x5.3mm_P1.27mm	1	W25Q128JVS
SAMESKY_UJ20-C-H-G-SMT-6-P16-TR	1	UJ20-C-H-G-SMT-6-P16-TR
RP2040-QFN-56	1	RP2040
R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	1	150
R_0805_2012Metric	1	DNF
R_0805_2012Metric	2	27
R_0805_2012Metric	2	1k
R_0805	3	10k
R_0805	2	R
R_0805	6	2k7
R_0805	1	8k2
R_0805	2	150
R_0805	1	15k
PTS810SJK250SMTRLFS	3	PTS810SJK250SMTR_LFS
PSON65P250X250X100-8N	1	BME280
PinHeader_1x03_P2.54mm_Vertical	1	Connector_3_Pol
PinHeader_1x02_P2.54mm_Vertical	1	Connector_2_Pol
MPU-9250	1	MPU-9250
MODULE_SAM-M8Q-0-10	1	SAM-M8Q-0-10
LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder	3	LED
Crystal_HC49-4H_Vertical	1	Crystal
C_0805_2012Metric	2	1u
C_0805_2012Metric	3	10u
C_0805_2012Metric	10	100n
C_0805_2012Metric	2	15p
C_0805	4	100n
C_0805	1	10n
C_0805	3	C
C_0805	1	10u
Bornera_2_P5mm	1	Terminal_2
693071010811	1	503398-1892

Supplier and ref