BOM: Differential Pressure Meter v1.0

#	Reference	Qty	Value	Footprint
1	C1, C3, C5, C8, C9	5	10uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
2	C2, C4, C6, C10, C11	5	0.1uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
3	C7	1	22uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
4	D1	1	LED	LED_SMD:LED_0805_2012Metric_Pad1.15x1.40mm_HandSolder
5	D2, D3	2	1N5819HW-7-F	footprints:SOD3715X145N
6	D4	1	BZT52C6V2_RHG	footprints:SOD3715X145N
7	D5	1	BZT52C3V3	footprints:SOD3715X135N
8	H1, H2	2	MountingHole	MountingHole:MountingHole_3.5mm
9	J1	1	USB_C_Receptacle_USB2.0	Connector_USB:USB_C_Receptacle_GCT_USB4105-xx-A_16P_TopMnt_Horizontal
10	J2	1	JST PH2	Connector_JST:JST_PH_S2B-PH-K_1x02_P2.00mm_Horizontal
11	J3	1	Conn_01x06	Connector_PinHeader_2.54mm:PinHeader_1x06_P2.54mm_Vertical
12	J4	1	Conn_01x07	Connector_PinHeader_2.54mm:PinHeader_1x07_P2.54mm_Vertical
13	J5	1	Conn_01x04	Connector_PinSocket_2.00mm:PinSocket_1x04_P2.00mm_Horizontal
14	LS1	1	PKLCS1212E40A1-R1	footprints:SPKR_PKLCS1212E40A1-R1
15	Q1, Q4, Q5	3	SIL2308-TP	Package_TO_SOT_SMD:SOT-23-6
16	Q2, Q3, Q6	3	BC817	Package_TO_SOT_SMD:SOT-23
17	R1	1	0.1	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
18	R2, R6, R7	3	2.4k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
19	R3, R8, R9, R15, R19, R20, R21	7	10k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
20	R4, R5	2	1M	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
21	R10	1	2k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
22	R11, R12	2	5.1k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
23	R13, R14	2	33	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
24	R16	1	100k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
25	R17	1	200k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
26	R18	1	300k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
27	R22, R27, R28, R29, R30	5	510	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
28	R23, R24	2	2.2	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
29	R25, R26	2	100	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder

30	R31, R32	2	1k	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
31	SW1	1	SWITCH_5WAY_8x8	footprints:SWITCH_5WAY_8x8
32	U1	1	CH340C	Package_SO:SOIC-16_3.9x9.9mm_P1.27mm
33	U2	1	TP4056	footprints:SOP127P600X175-9N
34	U3	1	RT9080-33GJ5	Package_TO_SOT_SMD:TSOT-23-5
35	U4	1	ESP32-WROOM-E	footprints:ESP32-WROOM-32E
36	U5	1	LCD_ST7735S_1.8	footprints:LCD_ST7735S_1.8
		1	ACCU-LP103035/CL	battery
		1	PHR-2	JST PH 2 plug
		2	SPH-002T-P0.5S	JST PH pins