



Title		
Size	Number	Revision
A3		
Date:	23.12.2023	Sheet of
File:	C:\Users\airSensorSchematic.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Qu
TSOP34836	Remote Receiver Sensor	B1	TSOP34836	TSOP34836	
BC3AAAPC	BATTERY HOLDER AA	BT	BAT_BC3AAAPC	BC3AAAPC	
CAP	CAP SM 0805 X5R 1uF	C1, C2, C3, C4	CAP0805	CAP-SM-0805-X5R-1u	
CAP	CAP SM 0603 NP0 12p	C5, C6, C7, C8, C9, C1	CAP0603	CAP-SM-0603-NP0-12	
282834-4	4 Position Wire to Board	J1	TE_282834-4	282834-4	
ZX62D-B-5P8	CONN RCPT MICRO USB	J2	ZX62D-B-5P8	ZX62D-B-5P8	
RES	RES SM 0805 0R	R1, R2, R3, R5, R6	RES0805	RES-SM-0805-0R	
RES	RES SM 0603 4.7K	R4, R7	RES0603	RES-SM-0603-4.7K	
PTS645SM43SMTR92L	6 mm Tact Switches	SW1	C&K_0_MFG	PTS645SM43SMTR92L	
JS202011SCQN	<a href="https://www.ckswitch.com/">https://www.ckswitch.com/</a>	SW2	401-2002-1-ND	JS Series DPDT On-Off	
AHT10-MODULE		U1	AHT10-MODULE	AHT10-MODULE	
ESP32-H2-MINI		U2	ESP32-PICO-MINI-02	ESP32-H2-MINI	
CCS811-MODULE		U3	CCS811-MODULE	CCS811-MODULE	
TFT DISPLAY	0.96"80x160 RGB	U4	TFT DISPLAY MODULE	TFT DISPLAY	
SN65HVD3082ED	Half-duplex RS-485 trans	U5	SOIC127P599X175-8N	SN65HVD3082ED	
LD1117S33CTR	Linear Voltage Regulator	U6, U7	SOT223	LD1117S33CTR	
32.768kHz	32.768kHz $\pm 20$ ppm	Y	XTAL320X150X90	ABS07-LR-32.768KHZ	