

Component	Description	Part	References	Value	Footprint	Quantity	Order Number on www.reichelt.de
1	Polarized capacitor	CP	C2	47 µF	CP_Radial_D8.0mm_P3.50mm	1	RND 150ENR AO
2	Polarized capacitor	CP	C1	100 µF	CP_Radial_D8.0mm_P3.50mm	1	RAD 100/35
3	Diode	D	D1	1N4001	D_5W_P12.70mm_Horizontal	1	1N 4001
4	Light emitting diode	LED	D200 D201 D202	LED green	LED_D3.0mm	3	LED 3MM 2MA GN
5	Light emitting diode	LED	D203 D204 D205	LED yellow	LED_D3.0mm	3	LED 3MM 2MA GE
6	Light emitting diode	LED	D206 D207 D208	LED red	LED_D3.0mm	3	LED 3MM 2MA RT
7	Screw Terminal	Screw_Terminal_01x02	J1	TermBlock	TerminalBlock_Phoenix_MKDS1.5-2pol	1	LAKL 1,5 2 5,08
8	Resistor	R	R200 R201 R202 R203 R204 R205 R206 R207 R208	470R	R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	9	1/4W 470
9	Resistor	R	R1 R2 R100 R101	4k7	R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal	4	1/4W 4,7K
10	Push button	SW_Push	SW1 SW100 SW101	KEY	SW_PUSH_6mm_h5mm	3	TASTER 9303
11	DHT22 temperature and humidity sensor	DHT22_Temperature_Humidity	U3	DHT22	DHT22_Temperature_Humidity	1	DEBO DHT 22
12	ESP32_DevKit	ESP32_DevKit_V1_DOIT	U1	ESP32_DevKit	esp32_devkit_v1_doit	1	DEBO JT ESP32
13	NDIR Carbon dioxide Module, CO2	MH-Z19B	U2	MH-Z19B	Winsen_MH-Z19B	1	CO2 MH-Z19C-PH
(optional)	Pin Headers	Optional for ESP32_DevKit	Pin header 2.54mm, 1x20, separable, tin-plated		Hint: shorten manually to 15 pins	2	FIS BL1 20 Z
(optional)	Pin Headers	Optional for MH-Z19B	Pin header 2.54mm, 1x5			1	BKL 10120947
(optional)	Pin Headers	Optional for MH-Z19B	Pin header 2.54mm, 1x4			1	BKL 10120946
(optional)	Housing Box	Housing Box	Small case, 135 x 95 x 45 mm			1	EUROBOX BL
(optional)	Mounting Screws	Mounting Screws	Self-tapping screws, PZD, 3.5 x 9.5 mm			4	SBL-E 35095-100