





#	Comment	Designator	Footprint	PiM Index	Description	Quantity
1	100nF	C1, C2, C5, C6, C7, C11, C16, C18	CAPC1005X56N	INDEX	Capacitor MLCC, 50V, 100nF X7R/X5R, SMD 0402 ±10%	8
2	10uF/6V3	C3	CAPC1005X56N	0159-401623	Capacitor MLCC, 6V3, 10uF X7R/X5R, SMD 0402 ±10%	1
3	100pF	C4	CAPC1005X56N	INDEX	Capacitor MLCC, 50V, 120pF X7R/X5R, SMD 0402 ±10%	1
4	10pF	C8	CAPC1608N	INDEX	Capacitor MLCC 10pF, 50V, X7R/X5R, SMD 0603 ±10%	1
5	10nF	C9	CAPC1608N	0159-400031	Capacitor MLCC 10 nF, 50V, X7R/X5R, SMD 0603 ±10%	1
6	10uF	C10	CAPC1608N	0159-401621	Capacitor MLCC 10 uF, 6V3, X7R/X5R, SMD 0603 ±10%	1
7	10nF	C12, C13	CAPC1005X56N	0159-401767	Capacitor MLCC, 50V, 10nF X7R/X5R, SMD 0402 ±10%	2
8	2.2uF/6V3	C14, C15	CAPC1005X56N	INDEX	Capacitor MLCC, 6V3, 2.2uF X7R/X5R, SMD 0402 ±10%	2
9	22uF/6V3	C17	CAPC1608N	INDEX	Capacitor MLCC 22uF, 6V3, X7R/X5R, SMD 0603 ±10%	1
10	miniTOPLED BLUE	D1	miniTopLED Blue	0159-400064	LCB_M67C, Standard LEDs - SMD Converted Blue Mini TOPLED	1
11	miniTOPLED RED	D2	miniTopLED Red	0159-400067	LCB_M67C, Standard LEDs - SMD Converted RED Mini TOPLED	1
12	IMC0805ERR22J01	L1	INDC2012X140N	0159-401432	Vishay / Dale Inductor 220nF IMC0805ERR22J01	1
13	LD-BZEN-0803	LS1	LD-BZEN-0803	INDEX	Electromagnetic Sounder w/o Generator	1
14	2N7002W	Q1	SOT65P220X100-3N	0159-302338	2N7002W N-channel MOSFET Transistor, 380 mA, 60 V, 3-Pin SOT-323	1
15	FKS-111C	Q3	FKS111C	INDEX	FKS111C - Ultra Sensitive Air Pressure Sensor	1
16	10K	R1, R5	RES0402	0159-401627, INDEX	Thick film; SMD Resistor, 10K, Case 0402; 0.063W; ±1%; Thick film; SMD Resistor, 10K, Case 0402; 0.063W; ±1%;	2
17	330	R2, R3, R13, R15	RES0402	INDEX	Thick film; SMD Resistor; 330 Case 0402; 0.063W; ±1%;	4
18	2K2	R4, R6	RES0402	INDEX	Thick film; SMD Resistor; 2K2, Case 0402; 0.063W; ±1%;	2
19	2M7	R7	RES0402	INDEX	Thick film; SMD Resistor; 2M7, Case 0402; 0.063W; ±1%;	1
20	180K	R8	RES0402	INDEX	Thick film; SMD Resistor; 180K, Case 0402; 0.063W; ±1%;	1
21	100K	R9	RES0402	INDEX	Thick film; SMD Resistor; 100K, Case 0402; 0.063W; ±1%;	1
22	47K	R10	RES0402	INDEX	Thick film; SMD Resistor; 47K, Case 0402; 0.063W; ±1%;	1
23	18K	R11	RES0402	INDEX	Thick film; SMD Resistor; 18K Case 0402; 0.063W; ±1%;	1
24	200K	R12, R14	RES0402	INDEX	Thick film; SMD Resistor; 200K, Case 0402; 0.063W; ±1%;	2
25	TS35B43B25	S1, S2	SW_TACT_H	0159-400095	Switch Push Button from Kevin TS35B43B25	2
26	PIC24FJ64GA702-I_ML	U1	QFN65P600X600X100-29N-D	INDEX	16-bit Microcontrollers - MCU 16-bit, 16 MIPS, 64KB Flash, 16KB RAM	1
27	RPI PICO	U2	RPI_PICO - NO HOLES	INDEX	Raspberry Pi PICO with Headers	1
28	MCP4017T-103E_LT	U3	SOT65P210X110-6N	0159-401224	7-Bit I2C Digital POT MCP4017T-103E_LT	1
29	LMV358LIPT	U4	SOP65P640X120-8N	INDEX	Operational Amplifiers - Op Amps 250uA at 5V 7mV 2.7V to 5.5V 1.3MHz	1