



Comment	Description	Designator	Footprint	LibRef	Quantity
	WR-PHD 2.54 mm				
	Angled Socket				
JP2	Header	C1	JP2-C1T	JP2	1
	Polarized Capacitor				
10uF/25V	(Axial)	C2, C3	C8mm	Cap Pol	2
1uF	Capacitor	C4	CAP_0805	CapSMD	1
100nF	Capacitor	C5, C6, C7	CAP_0805	CapSMD	3
1N4007	Diode 1A	D1, D2, D3	SMA	D1A	3
	CMOS Voltage				
ICL7660	Converters	IC1	SOP-8	ICL7660	1
MPS20N0040D-D	Pressure Sensor	IC2	SOP-6	MPS20N0040D-D	1
JP8	Connector 8	JP1	CON8	Con8	1
JP4	Connector 4	JP2	CON4	Con4	1
MOTOR	Connector 2	JP3	CON2	Con2	1
Valve	Connector 2	JP4	CON2	Con2	1
Speaker	Loudspeaker	LS1	SPEAKER	Speaker	1
TIP41C	NPN 2W, BCE	Q1, Q2	TO-252	TIP41C	2
C1815	Transistor	Q3	SOT23	2SC5200	1
1k	Resistor	R1, R2, R5	RES-SMD-0805	Resistor - SMD	3
220k	Resistor	R3	RES-SMD-0805	Resistor - SMD	1
2k	Resistor	R4	RES-SMD-0805	Resistor - SMD	1
SW1	Switch button 2 pin	SW1	SW2	SW2	1
50D 0\A\		CVAVO	S14400	0)4/4 00 4	4
ESP-SW	Switch 102 on Broad	SW2	SW102	SW102A	1
ESP32	EVAL BOARD FOR	111	MODULE_ESP32-	LCD33 DEVINITO 33D	1
ESP32	ESP-WROOM-32 Low-Cost, Low-	U1	DEVKITC-32D	ESP32-DEVKITC-32D	I
	Power				
	Instrumentation				
INA128UA	Amplifier	U2	SOP-8	AD620AN	1