













Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	Capacitor	C1, C2, C3, C4	CAPC2012X94N	08055A130JAT2A	4
ESP32_WROOM32	Integrated Circuit	IC1	ESP32WROOM32	ESP32_WROOM32	1
PCA9846PWJ	Integrated Circuit	IC2	SOP65P640X110-16N	PCA9846PWJ	1
LM3480IM3-3.3	Integrated Circuit	IC3	SOT95P237X112-3N	LM3480IM3-3.3	1
L293DD	Integrated Circuit	IC5	SOIC127P1032X265-20N	L293DD	1
NC7WZ04P6X	Integrated Circuit	IC6	SOT65P210X110-6N	NC7WZ04P6X	1
20.500M_3	Connector	J1, J2	20500M3	20.500M_3	2
APTD3216SECK	LED	LED1	APTD3216SECK	APTD3216SECK	1
Header 3X2	Header, 3-Pin, Dual row	P1	HDR2X3	Header 3X2	1
Header 2X2	Header, 2-Pin, Dual row	P2, P3, P4, P6, P7	HDR2X2	Header 2X2	5
Header 2	Header, 2-Pin	P5, P9	HDR1X2	Header 2	2
Header 10	Header, 10-Pin	P8	HDR1X10	Header 10	1
Header 3	Header, 3-Pin	P10	HDR1X3	Header 3	1
IZ1205S	Power Supply	PS1	IZ1205S	IZ1205S	1
4.7k	Resistor	R1, R2	RESC2012X65N	CRG0805F100K	2
20k	Resistor	R3	RESC2012X65N	CRG0805F100K	1
200R	Resistor	R4	RESC2012X65N	CRG0805F100K	1
10k	Resistor	R5	RESC2012X65N	CRG0805F100K	1
4-1437565-9	Switch	S1, S2	414375659	4-1437565-9	2