

BOM for ESP-12E Dev Board

Qty	Designator	Value	Package	MANUFACTURER_NAME	MANUFACTURER_PART_NUMBER
1	J5	2		MOLEX	22035025
3	J8, J9, J11	3		MOLEX	22035035
5	J2, J4, J6, J7, J10	4		MOLEX	99990988
1	J3	8		MOLEX	99990992
1	U1	5V regulator	SOT-223	Diodes Incorporated	AZ1117H-5.0TRE1
1	U2	3.3V regulator	SOT-223	Diodes Incorporated	AZ1117H-3.3TRG1
2	C1, C4	10uF	C0805	Samsung Electro-Mechanics	CL21A106KAYNNNE
6	C2, C3, C8, C11, C12, C14	100nF	C0805	Samsung Electro-Mechanics	CL21F104ZBCNNNC
2	C5, C10	22uF	C0805	Samsung Electro-Mechanics	CL21A226MAQNNNF
1	U3	CH340C	SOP-16_150mil	Jiangsu Qin Heng	CH340C
2	C6, C13	100uF	SMC_B	AVX	TAJB107M010RNJ
2	C7, C9	220uF	6.3*7.7mm	ROQANG	VT1C221M0607
1	SJR1	ESP-12E	ESP8266-ESP12E	AI-Thinker	ESP-12E
1	LED1	green	LED0805	Orient	ORH-G35A
2	S1, S2	pushbutton	6.0*3.5mm	HYP (Hongyuan Precision)	1TS002B-2300-5000-CT
1	JP1	5.5*2.1mm	14.0*9.0mm	Korean Hroparts Elec	DC-005-20A
1	VR1	10k	RK09K1130BGM	ALPS Electric	RK09K1130AAU
7	R1, R2, R3, R4, R5, R6, R13	10k	R0805	Uniroyal Elec	0805W8F1002T5E
2	R8, R9	4.7k	R0805	Uniroyal Elec	0805W8F4701T5E
1	R12	47k(1%)	R0805	Uniroyal Elec	0805W8F4702T5E
3	R7, R10, R11	470	R0805	Guangdong Fenghua Advanced Tech	RS-05K471JT
2	D1, D2	1N5819W	SOD-123F	Shandong Jingdao Microelectronics	1N5819W
1	U4	TXB0104	TSSOP14	Texas Instruments	TXB0104PWR
1	Q1	UMH3N	SOT65P210X100-6N	Changjiang Electronics Tech	UMH3N
1	J1	ZX62-B-5PA(33)	ZX62B5PA33	Hirose	ZX62-B-5PA(33)