

EasyLab4Kids

Id	Designator	Package	Quantity	Designation
1	P11	mkds_1,5-2	1	M1
2	C1	C_0805_HandSoldering	1	100uF
3	C2	C_0805_HandSoldering	1	10uF/16V
4	C3	C_0805_HandSoldering	1	10uF
5	D1	LED-5MM	1	Red
6	D2	LED-5MM	1	Green
7	D3	LED-5MM	1	Blue
8	J1	arduino_nano_header	1	Arduino_Nano_Header
9	P8	Pin_Header_Straight_1x03	1	Servo
10	P9	Pin_Header_Straight_1x04	1	IO
11	P10	grove_1x04	1	Grove
12	P12	mkds_1,5-2	1	M2
13	P13	mkds_1,5-2	1	PWR IN
14	R1,R5,R6	C_0805_HandSoldering	3	10K
15	R2,R3,R4	C_0805_HandSoldering	3	330
16	SW1	PCB_PUSH_edit	1	SW_PUSH
17	U1	Pin_Header_Straight_1x03	1	KY-033_L
18	U2	Pin_Header_Straight_1x03	1	KY-033_R
19	U5	SOT-223	1	AP1117
20	P1	BBC_CONNECTOR	1	3.3V
21	P2	BBC_CONNECTOR	1	5V
22	P3,P4,P16,P17	BBC_CONNECTOR	4	D
23	P5,P6	BBC_CONNECTOR	2	A
24	P7	BBC_CONNECTOR	1	GND
25	P14,P15	SolderJumper	2	SolderJumper
26	U3	ESP-01_SilkScreen	1	ESP-01v090
27	U4	SOIC-20_7.5x12.8mm_Pitch1.27mm	1	L293D_SMD