Automated Wire Cutter BOM

Id	Designator	Package	Quantity	Designation
1	BZ1	Buzzer_12x9.5RM7.6	1	Buzzer
2	C1,C3,C16	ELKO_RM25_63	3	220µ/27V LESR
3	C10	CAPC_0805_2012X70N	1	1µ/25V
4	C11	ELKO_RM25_63	1	100µ/25V LESR
5	C17	ELKO_RM25_63	1	470µ/25V
6	C18,C19,C6,C20,C12	CAPC_0805_2012X70N	5	100n/50V
7	C2,C22	CAPC_0805_2012X70N	2	1µ/10V
8	C23,C27,C28,C29	CAPC_0805_2012X70N	4	10µ/10V
9	C25	CAPC_0805_2012X70N	1	470n/25V
10	C4	CAPC_0805_2012X70N	1	10µ/10V
11	C5,C8,C9,C13,C15,C7,C21,C14	CAPC_0603_1608X86N	8	100n/50V
12	D1	DO-214-AC_SMA	1	SS14
13	D2	DO-41_SOD81_RM762	1	Zener 5V6 1W
14	D5,D4,D3,D9,D10	SOD-123	5	BAT54GWJ
15	D6,D7,D8	LED-0805	3	LED
16	DISP1	1.44''SPI_128x128_ST3375_OneHungLo	1	1.8"_ST7735_SPI_TFT
17	E1,E2	INDC_0603_1608X95N	2	Ferrite 330R @ 100MHz
18	F1	Polyfuse_1812	1	200mA
19	IC1	TQFP-44_10x10mm_Pitch0.8mm	1	CY8C4245AXI-483
20	IC10	SOT-23	1	ZXCT1009F
21	IC11	EZ-BLE_Module	1	EZ-BLE-022001-00
22	IC2	SOIC16	1	75HC4053
23	IC3	SOIC8	1	25LC640A-I/SN
24	IC4	TMC2130_SilentStepStick	1	TMC2130_StepStick
25	IC5	SOIC127_300mil-24N	1	74LVC4245
26	IC6	SOT-223	1	LM1117-xx
27	IC7	LXDC3EP	1	LXDC3EP
28	IC9	ESP-12	1	ESP-12
29	L1	INDC_0805_2012X130N	1	10uH
30	MOD1	5VDCDCmodule_D-sun	1	DC-DC_stepDownModule
31	P1	EBPA-02-D-C MSTBVA2.5/2G5.0 796636-2 (TE conn)	1	CONN_01X02
32	P12,P13,P16,P22,P24	1x2_254_socket_H	5	CONN_01X02
33	P17,P9,P6,P11,P10,P19,P5,P7	1x1_254_round	8	CONN_01X01
34	P2,P14	1x4_254_socket_H	2	CONN_01X04
35	P23,P15	1x4_254 pin header	2	CONN_01X04
36	P25,P8,P21	1x5_254 pin header	3	CONN_01X05
37	P27	1x6_254 pin header	1	CONN_01X06
38	P28	CONN-100MIL-M-2x8	1	CONN_02X07
39	P29,P30	CONN-100MIL-M-1x5_PadsOnly	2	CONN_01X05
40	P3,P18,P26,P20	1x3_254 pin header	4	CONN_01X03
41	P32,P36,P34,P38	CONN-100MIL-M-1x11_PadsOnly	4	CONN_01X11
42	P35,P37,P39,P31,P33	CONN-100MIL-M-1x11_SqrPadsOnly	5	CONN_01X13
43	P4	1x8_254 pin header	1	CONN_01X08
44	Q1	SOT-23	1	BSS84
45	Q2	SOT-23	1	DMG2302UK-7
46	Q3	SOT-23	1	NTR4171P/DMG2301L
47	R1	RESC_0805_2012X50N	1	22k

48	R10,R2,R4,R7,R14,R21,R25, R28,R29,R30,R31	RESC_0805_2012X50N	11	1k
49	R11,R3,R15,R16,R17,R19, R22,R23,R26,R24	RESC_0805_2012X50N	10	10k
50	R12	RESC_0805_2012X50N	1	150R
51	R13,R9	RESC_0805_2012X50N	2	100k
52	R27	RESC_2512	1	0.1R 1-3W-current sensing
53	R32,R33	RESC_0805_2012X50N	2	1k5
54	R5	RESC_0805_2012X50N	1	33R
55	R6	RESC_0805_2012X50N	1	330R
56	R8,R18,R20	RESC_0805_2012X50N	3	470R
57	RP1	R_Array_Convex_4x0603	1	33R
58	SW1	1x3_254 pin header	1	MISO/RST
59	SW2	1x3_254 pin header	1	~CS~/MS3
60	SW3	1x3_254 pin header	1	SCK/MS2
61	SW4	1x3_254 pin header	1	MOSI/MS1
62		Stepper motor	1	NEMA 42HD4027-01
63		Extruder kit	1	
64		Servo		BMS-L530MG