Automated Wire Cutter BOM

BZI	Id	Designator	Package	Quantity	Designation
3 C10	1	BZ1	Buzzer_12x9.5RM7.6	1	Buzzer
4 C11	2	C1,C3,C16	ELKO_RM25_63	3	220μ/27V LESR
5 C17 ELKO RM25 63 1 470µ/25V 6 C18.C19.C6.C2.O.C12 CAPC 0805_2012X70N 5 100n/50V 7 C2.C22 CAPC_0805_2012X70N 2 1µ/10V 8 C23.C27.C28,C29 CAPC_0805_2012X70N 1 470n/25V 10 C4 CAPC_0805_2012X70N 1 10µ/10V 11 C5.C8,C9,C13,C15,C7.C21,C14 CAPC_0805_2012X70N 1 10µ/10V 12 D1 D0-214-AC_5MA 1 5514 13 D2 D0-41_SOB1_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"SPL_128x128_ST3375_OneHunglo 1 1.8"_ST7735_SPL_TFT 17 ELE2 NDC_0603_1608X9SN 2 Ferrite 330R @ 100MHz 18 F1 P0lyfuse_1812 1 200mA 19 LC1 TC7F-44_10x10mm_Pitch0.8mm 1 CY8C4245XX-483	3	C10	CAPC_0805_2012X70N	1	1μ/25V
6 C18,C19,C6,C20,C12 CAPC_0805_2012X70N	4	C11	ELKO_RM25_63	1	100μ/25V LESR
Total	5	C17	ELKO_RM25_63	1	470μ/25V
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 C5C.68,C9,C13,C15,C7,C21,C14 CAPC_0803_1608X86N 8 100n/50V 12 D1 D0-214-AC_SMA 1 SS14 13 D2 D0-41 SOD81_RM762 1 Zener SV6 1W 14 D5,D4,D3,D9,D10 SOD-123 5 BAT54GWJ 15 D6,D7,D8 LED-0805 3 LED 16 D15P1 1.44*SP1_128x128_ST3375_OneHungLo 1 1.8*_ST7735_SPI_TFT 17 ELE2 INDC_0603_1608X9SN 2 Feerrite 330R @ 100MHz 18 F1 Polyfuse_1812 1 200mA 19 IC1 TCPF-44_10x10mm_Pitch0.8mm 1 CY8C4245AXI-483 10 IC1 SOT-23 1 ZXC71009F 21 IC2 SDE Medule 1 EZ-BLE-022001-00	6	C18,C19,C6,C20,C12	CAPC_0805_2012X70N	5	100n/50V
S C25	7	C2,C22	CAPC_0805_2012X70N	2	1μ/10V
10 C4 CAPC_0805_2012X70N	8	C23,C27,C28,C29	CAPC_0805_2012X70N	4	10μ/10V
11 C5_C8_C9_C13_C15_C7_C21_C14 CAPC_0603_1608X86N 8 100n/50V 12 D1 D0-214-AC_SMA 1 S214 13 D2 D0-214-AC_SMA 1 S214 14 D5_D4_D3_D9_D10 S0D-123 5 BAT54GWJ 15 D6_D7_D8 LED-0805 3 LED 16 D1SP1 1.4"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 10 IC1 TQFP-44_10x10mm_Pitch0.8mm 1 ZXCT1009F 11 IC1 TQFP-44_10x10mm_Pitch0.8mm 1 ZXCT1009F 12 IC1 IC1 TYP-44_10x10mm_Pitch0.8mm 1 ZXCT1009F 12 IC1 IC1 TYP-44_10x10mm_Pitch0.8mm 1 ZXCT1009F 12 IC1 IC1 TXCT20 <td>9</td> <td>C25</td> <td>CAPC_0805_2012X70N</td> <td>1</td> <td>470n/25V</td>	9	C25	CAPC_0805_2012X70N	1	470n/25V
12 D1	10	C4	CAPC_0805_2012X70N	1	10μ/10V
13 D2	11	C5,C8,C9,C13,C15,C7,C21,C14	CAPC_0603_1608X86N	8	100n/50V
14 DS,DA,D3,D9,D10 SOD-123 5 BATS4GWJ 15 DG,D7,D8 LED-0805 3 LED 16 DISP1 1.44"SPI_128x128_ST3375_OneHungLo 1 1.8"S7735_SPI_TFT 17 EL,E2 INDC_0603_1608X9SN 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 ZZ-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 TMLY245 26 IC6 SOT-223 1 LM1117-xx 27 IC7 LXDC3EP 1 LXDC3EP 28 IC9 ESP-12 1 LXDC3EP 29 I.1 INDC_0805_2012X130N <td>12</td> <td>D1</td> <td>DO-214-AC_SMA</td> <td>1</td> <td>SS14</td>	12	D1	DO-214-AC_SMA	1	SS14
15 D6,D7,D8 LED-0805 LED-08063_1608X95N LED-0806_1608X95N LED-0806_1608X95N	13	D2	DO-41_SOD81_RM762	1	Zener 5V6 1W
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 CY8C425AXI-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 I.1 INDC 0805_2012X130N 1 10uH 30 MOD1 SVDCDCmod	14	D5,D4,D3,D9,D10	SOD-123	5	BAT54GWJ
17 EI,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 EZ-BLE_002001-00 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 TAUC4245 26 IC6 SOT-223 1 LMI117-vx 27 IC7 LXDC3EP 1 LXDC3EP 28 IC9 ESP-12 1 ESP-12 29 I.1 INDC_0805_2012X130N 1 10uH 30 MOD1 SVDCDCmodule_D-sun 1 DC-DC_stepDownModule 40 EBPA-02-D-C TMSTEVALS_	15	D6,D7,D8	LED-0805	3	LED
18 F1 Polytuse_1812 1 200mA 19 IC1 TQFP-44_10x10mm_Pitch0.8mm 1 CY8C4245AXI-483 20 IC10 SOT-23 1 ZXCT1009F 21 IC10 SOT-23 1 ZXCT1009F 21 IC11 EZ-BLE_Module 1 ZFBLC402001-00 22 IC2 SOIC16 1 75FL64053 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 LM117-xx 27 IC7 LXDC3EP 1 LXDC3EP 28 IC9 ESP-12 1 ESP-12 29 I.1 INDC_0805_2012X130N 1 10uH 30 MOD1 SVDCDCmodule_D-sun 1 DC-DC_stepDownModule 41 EBPA-02-D-C TMSTEWA.2.5/265.0 T	16	DISP1	1.44''SPI_128x128_ST3375_OneHungLo	1	1.8"_ST7735_SPI_TFT
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 SVDCDCmodule_D-sun 1 DC-DC_stepDownModule 31 P1 MSTBVA2.5/2G5.0 1 CONN_01X02 32 P12,P13,P16,P22,P24 1x2_254_socket_H 5 CONN_01X04 33 P17,P9,P6,P11,P10,P19,P5,P7	17	E1,E2	INDC_0603_1608X95N	2	Ferrite 330R @ 100MHz
1	18	F1	Polyfuse_1812	1	200mA
1	19	IC1	TQFP-44_10x10mm_Pitch0.8mm	1	CY8C4245AXI-483
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 I.1 INDC_0805_2012X130N 1 10uH 30 MOD1 SVDCDCmodule_D-sun 1 DC-DC_stepDownModule 4 EBPA-02-D-C MSTBVA2.5/2G5.0 1 CONN_01X02 31 P1 MSTBVA2.5/2G5.0 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_01X04 34 P2,P14 1x4_254_socket_H 2 CONN_01X04 35 P23,P15 1x4_254_pin header 2 CONN_01X04 36 P25,P8,P21 <td>20</td> <td>IC10</td> <td>SOT-23</td> <td>1</td> <td>ZXCT1009F</td>	20	IC10	SOT-23	1	ZXCT1009F
23 IC3	21	IC11	EZ-BLE_Module	1	EZ-BLE-022001-00
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 SVDCDCmodule_D-sun 1 DC-DC_stepDownModule 81 P1 MSTBVA2.5/265.0 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 1 CONN_01X05 37 P27 1x6_254 pin header 1 CONN_01X05	22	IC2	SOIC16	1	75HC4053
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 I.1 INDC_0805_2012X130N 1 10uH 30 MOD1 SVDCDCmodule_D-sun 1 DC-DC_stepDownModule 4 EBPA-02-D-C TONN_01X02 CONN_01X02 31 P1 MSTBVA2.5/2G5.0 TONN_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_01X02 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-1	23	IC3	SOIC8	1	25LC640A-I/SN
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 SVDCDCmodule_D-sun 1 DC-DC_stepDownModule 31 P1 EBPA-02-D-C MSTBVAZ.5/ZG5.0 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_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_SqrPadsOnly	24	IC4	TMC2130_SilentStepStick	1	TMC2130_StepStick
27 IC7 LXDC3EP 1 LXDC3EP 28 IC9 ESP-12 1 ESP-12 29 I.1 INDC_0805_2012X130N 1 10uH 30 MOD1 SVDCDCmodule_D-sun 1 DC-DC_stepDownModule BPA-02-D-C MSTBVA2.5/2G5.0 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-1x5_PadsOnly 2 CONN_01X05 39 P29,P30 CONN-100MIL-M-1x5_PadsOnly 2 CONN_01X03 40 P3,P18,P26,P20 1x3_254 pin header 4 CONN_01X11 <t< td=""><td>25</td><td>IC5</td><td>SOIC127_300mil-24N</td><td>1</td><td>74LVC4245</td></t<>	25	IC5	SOIC127_300mil-24N	1	74LVC4245
28 IC9 ESP-12 1 ESP-12 29 L1 INDC_0805_2012X130N 1 10uH 30 MOD1 5VDCDCmodule_D-sun 1 DC-DC_stepDownModule BPA-02-D-C MSTBVA2.5/2G5.0 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_01X11 42 P35,P37,P39,P31,P33 CONN-100MIL-M-1x11_PadsOnly 4 CON	26	IC6	SOT-223	1	LM1117-xx
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-1x12_SqrPadsOnly 5 CONN_01X08 44 <td>27</td> <td>IC7</td> <td>LXDC3EP</td> <td>1</td> <td>LXDC3EP</td>	27	IC7	LXDC3EP	1	LXDC3EP
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 5 CONN_01X02 33 P17,P9,P6,P11,P10,P19,P5,P7 1x1_254_round 8 8 CONN_01X04 34 P2,P14 1x4_254_socket_H 2 2 CONN_01X04 35 P23,P15 1x4_254 pin header 2 2 CONN_01X04 36 P25,P8,P21 1x5_254 pin header 3 3 CONN_01X05 37 P27 1x6_254 pin header 1 1 CONN_01X06 38 P28 CONN-100MIL-M-2x8 1 1 CONN_02X07 39 P29,P30 CONN-100MIL-M-1x5_PadsOnly 2 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 1 DMG2302UK-7 46 Q3 SOT-23 1 1 NTR4171P/DMG2301L	28	IC9	ESP-12	1	ESP-12
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-1x5_PadsOnly 2 CONN_01X05 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_01X08 44 Q1 SOT-23 1 BSS84 45 Q2 SOT-23 1 DMG2302UK-7 46 Q3	29	L1	INDC_0805_2012X130N	1	10uH
31 P1 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 DMG2302UK-7 46 Q3 <td< td=""><td>30</td><td>MOD1</td><td>5VDCDCmodule_D-sun</td><td>1</td><td>DC-DC_stepDownModule</td></td<>	30	MOD1	5VDCDCmodule_D-sun	1	DC-DC_stepDownModule
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	31	P1	MSTBVA2.5/2G5.0	1	CONN_01X02
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	32	P12,P13,P16,P22,P24	1x2_254_socket_H	5	CONN_01X02
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	33	P17,P9,P6,P11,P10,P19,P5,P7	1x1_254_round	8	CONN_01X01
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	34	P2,P14	1x4_254_socket_H	2	CONN_01X04
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	35	P23,P15	1x4_254 pin header	2	CONN_01X04
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	36	P25,P8,P21	1x5_254 pin header	3	CONN_01X05
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	37	P27	1x6_254 pin header	1	CONN_01X06
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	38	P28	CONN-100MIL-M-2x8	1	CONN_02X07
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	39	P29,P30	CONN-100MIL-M-1x5_PadsOnly	2	CONN_01X05
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	40	P3,P18,P26,P20	1x3_254 pin header	4	CONN_01X03
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	41	P32,P36,P34,P38	CONN-100MIL-M-1x11_PadsOnly	4	CONN_01X11
44 Q1 SOT-23 1 BSS84 45 Q2 SOT-23 1 DMG2302UK-7 46 Q3 SOT-23 1 NTR4171P/DMG2301L	42	P35,P37,P39,P31,P33	CONN-100MIL-M-1x11_SqrPadsOnly	5	CONN_01X13
45 Q2 SOT-23 1 DMG2302UK-7 46 Q3 SOT-23 1 NTR4171P/DMG2301L	43	P4	1x8_254 pin header	1	CONN_01X08
46 Q3 SOT-23 1 NTR4171P/DMG2301L	44	Q1	SOT-23	1	BSS84
46 Q3 SOT-23 1 NTR4171P/DMG2301L	-		SOT-23	1	DMG2302UK-7
	46	Q3	SOT-23	1	NTR4171P/DMG2301L
	47	R1	RESC_0805_2012X50N	1	22k

Automated Wire Cutter BOM

48	R10,R2,R4,R7,R14,R21,R25,	RESC_0805_2012X50N	11	1k
	R28,R29,R30,R31			
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