ZX Max +D issue 1

Company Comp	ZX Max +D issue 1			
ACC Part P	Designator	Value	Digikey Part Number	Quantity
Section				
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2	D1, D2, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20	1N4148	1N4148FS-ND	17
2 日本	D28	2W005G-E4/51	2W005G-E4/51GI-ND	1
1]1	RCPT 8	5-520315-8-ND	1
## 15	12	RCPT 5	A105063-ND	1
## 10]4	DC JACK	CP-002A-ND	1
19	J6	Audio Jack	CP1-3525N-ND	1
12.11 18	18	M-DIN_9-R	KMDGX-9S-BS-1	1
15. 보고,	19	Header 5X2	10129381-910002BLF-ND	1
## 14.5.1.8.6.8.6.6.7 表 例 の	J17, J18	Header 2	952-2262-ND	2
220, 124, 125, 126, 126, 126, 127, 127, 127, 127, 127 321, 124, 126, 126, 126, 126, 127, 127, 127, 127 321, 124, 126, 126, 126, 126, 126, 126, 126, 126	Q1	BC548	BC548BTACT-ND	1
150, 150, 150, 150, 150, 150, 150, 150,	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R27, R28, R29, R54, R78	470	CF14JT470RCT-ND	27
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Y1 Crystal 28.375MHz 44.977AL0264588BULK (mouser com) 1 Y2 4.33MHz 1922.1426-ND 1 Turbo Sound Value Digitop Net Number Quantity C2, C3 10.0f P19522C1-ND 2 D4, D5 114448 1144485-AD 2 15 Audio Jack 91-322 (ebsp) 1 857, R58 470 CF1417408CT-ND 2 859, R68, R68, R68, R69, R70 1K CF1417180CT-ND 8 869, R62, R68, R68, R69, R70 2Z AV3-8910 BAY 2 UB 470 CF141780CT-ND 48 48 UB 470 CF141780CT-ND 8 8 85, R68, R68, R69, R69, R70 1K CF141780CT-ND 48 UB 470 CF141780CT-ND 48 UB 474 CF141780CT-ND 1 UB 474 CF141780CT-ND 1 UB 474 CF141780CT-ND 1 1 UB 474				
Turbo Sound				
10.0F	Y1	Crystal 28.375MHz		1
10.0F	Y1	Crystal 28.375MHz	449-LFXTAL024588BULK (mouser.com)	1
D4, D5 D4, D5 D4, D5 D4, D5 D5 D5 D5 D5 D5 D5 D5	Y1 Y2	Crystal 28.375MHz 4.433MHz	449-LFXTAL024588BULK (mouser.com)	1
15 S7, R58 Addio Jack P1-322 (ebsay) 1 1 1 1 1 1 1 1 1	Y1 Y2 Turbo Sound	Crystal 28.375MHz 4.433MHz	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND	1
R57,R58	Y1 Y2 Turbo Sound C2, C3	Crystal 28.375MHz 4.433MHz Value 10uF	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number	1 1 Quantity 2
R81, R82	Y1 Y2 Turbo Sound C2, C3	Crystal 28.375MHz 4.433MHz Value 10uF	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND	1 1 Quantity 2
RESP, REG., REG.	Y1 Y2 Turbo Sound C2, C3 D4, D5	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND	1 1 Quantity 2 2
R60, R61, R66, R67	Y1 Y2 Turbo Sound C2, C3 D4, D5	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M414BFS-ND PJ-322 (ebay)	1 1 Quantity 2 2 1
U8, U9 AY-3-8910 EBAY 2 U10 74HC30 296-3195-5-ND 1 U11 74HC74 296-1602-5-ND 1 U15 ESP8266-12E DNP 1 Kempston Joystick Value Digitsey Part Number Quantity D21, D22, D23, D24, D25, D26, D27 1N4188 1N4148FS-ND 7 J7 D89 MALE AE10970-ND 1 L10 Header 2 DNP 1 R80 10K CF14JT1KOKT-ND 1 R80 10K CF14JTIKOKT-ND 1 U12 74HC366 296-33070-5-ND 1 U12 74HC366 296-33070-5-ND 1 U15 Yalue Digitsey Part Number Quantity C34, C35, C36, C37, C38, C39, C40 0.1uF 8C160CT-ND 7 C66 100pF 8C1529-ND 1 C67 100uF 8C1529-ND 1 C67 100uF 1189-2260-ND 1 D29 101 14148 1149-2260-ND 1 D29 101 <td>Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58</td> <td>Crystal 28.375MHz 4.433MHz Value 10uF 11N4148 Audio Jack 470</td> <td>449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M148FS-ND PJ-322 (ebay) CF14JT470RCT-ND</td> <td>1 1 Quantity 2 2 1 2</td>	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58	Crystal 28.375MHz 4.433MHz Value 10uF 11N4148 Audio Jack 470	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M148FS-ND PJ-322 (ebay) CF14JT470RCT-ND	1 1 Quantity 2 2 1 2
1741-030 25-9196-5-ND 1 1 1 1 1 1 1 1 1	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP	1 1 Quantity 2 2 1 2 2
1741-030 25-9196-5-ND 1 1 1 1 1 1 1 1 1	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND	1 1 Quantity 2 2 1 2 2 2 8
	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 1K 2.2K	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND	1 1 Quantity 2 2 1 2 2 2 8
Kempston Joystick Value Digiteey Part Number Quantity D21, D22, D23, D24, D25, D26, D27 1N4148 1N4148F5-ND 7 17 D89 MALE AE10970-ND 1 110 Header 2 DNP 1 180 10K F141710KCT-ND 1 10K F141710KCT-ND 1 10X2 10K*5 4606X-101-103LF 1 1012 744C366 296-33070-5-ND 1 10X F140C9C 1 1 10X F140C9C 1 1 10X F140C9C 1 1 1 10X F14C366 296-33070-5-ND 1 <t< td=""><td>Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R81, R82 R89, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9</td><td>Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910</td><td>449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND</td><td>1 1 Quantity 2 2 1 2 2 2 8 4</td></t<>	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R81, R82 R89, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND	1 1 Quantity 2 2 1 2 2 2 8 4
D21, D22, D23, D24, D25, D26, D27 1N4148 1N4148F5-ND 7 J7 D89 MALE AE10970-ND 1 L1 Header 2 DNP 1 R80 10K CF14/T10KOCT-ND 1 RN2 10K*5 4606X-101-103LF 1 U12 74HC366 296-33070-5-ND 1 Plus Lite Value Digikey Part Number Quantity C34, C35, C36, C37, C38, C39, C40 0.1uF 8C1160CT-ND 7 C66 100pF 8C5129-ND 1 C41 33pF 56-X3010CG6H5TL2CT-ND 1 C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148F5-ND 1 112, 113, 115 Header 17X2 S9182-ND 1 112, 113, 115 Header 4H S9490-ND 1 1601 3mm red 732-5006-ND 1 172, R93 10K CF14JTTCKCT-ND 2 R80, R91 22K CF14JTTCKCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2k AY-3-8910 74HC30	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND	1 1 Quantity 2 2 1 2 2 8 4 2
D21, D22, D23, D24, D25, D26, D27 1N4148 1N4148F5-ND 7 J7 D89 MALE AE10970-ND 1 L1 Header 2 DNP 1 R80 10K CF14/T10KOCT-ND 1 RN2 10K*5 4606X-101-103LF 1 U12 74HC366 296-33070-5-ND 1 Plus Lite Value Digikey Part Number Quantity C34, C35, C36, C37, C38, C39, C40 0.1uF 8C1160CT-ND 7 C66 100pF 8C5129-ND 1 C41 33pF 56-X3010CG6H5TL2CT-ND 1 C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148F5-ND 1 112, 113, 115 Header 17X2 S9182-ND 1 112, 113, 115 Header 4H S9490-ND 1 1601 3mm red 732-5006-ND 1 172, R93 10K CF14JTTCKCT-ND 2 R80, R91 22K CF14JTTCKCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R89, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC74	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M148FS-ND PJ-322 (ebay) CF14J1470RCT-ND DNP CF14J17LK00CT-ND CF14J17LK00CT-ND EBAY 296-9196-5-ND	1 1 2 2 1 2 2 8 4 2 1
17 DB9 MALE AE10970-ND 1	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R89, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC74	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M148FS-ND PJ-322 (ebay) CF14J1470RCT-ND DNP CF14J17LK00CT-ND CF14J17LK00CT-ND EBAY 296-9196-5-ND	1 1 2 2 1 2 2 8 4 2 1
Header 2 DNP	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R82, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 774HC74 ESP8266-12E	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND DNP	1 1 2 2 1 2 2 8 4 2 1 1
R80 10K CF14JT10K0CT-ND 1 RN2 10K*5 4606X-101-103LF 1 U12 74HC366 296-33070-5-ND 1 PlusD Lite Value Digitey Part Number Quantity C34, C35, C36, C37, C38, C39, C40 0.1uF BC1160CT-ND 7 C66 100pF BC5129-ND 1 C41 33pF 56-K330/10C0GH5TL2CT-ND 1 C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148F5-ND 1 J12, J13, J15 Header 17X2 S9182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H S9490-ND 1 LED1 3mr red 732-5006-ND 1 LED1 3mr red 732-5006-ND 1 R92, R93 10K CF14JTCKOCT-ND 2 R93, R84, R85, R86 470 CF14JTCKOCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R82, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number	1 1 1 Quantity 2 2 1 2 1 2 8 4 2 1 1 1 1 Quantity
R80 10K CF14JT10K0CT-ND 1 RN2 10K*5 4606X-101-103LF 1 U12 74HC366 296-33070-5-ND 1 PlusD Lite Value Digitey Part Number Quantity C34, C35, C36, C37, C38, C39, C40 0.1uF BC1160CT-ND 7 C66 100pF BC5129-ND 1 C41 33pF 56-K330/10C0GH5TL2CT-ND 1 C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148F5-ND 1 J12, J13, J15 Header 17X2 S9182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H S9490-ND 1 LED1 3mr red 732-5006-ND 1 LED1 3mr red 732-5006-ND 1 R92, R93 10K CF14JTCKOCT-ND 2 R83, R84, R85, R86 470 CF14JTCKOCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number	1 1 1 Quantity 2 2 1 2 2 8 4 2 1 1 1 1 Cquantity 7
RN2	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M148FS-ND AE10970-ND	1 1 1 Quantity 2 2 1 2 2 8 4 2 1 1 1 1 Quantity 7
U12 74HC366 296-33070-5-ND 1 PlusD Lite Value Digikey Part Number Quantity C34, C35, C36, C37, C38, C39, C40 0.1uF BC1160CT-ND 7 C66 100pF BC5129-ND 1 C41 33pF 56-K33010C0GHSTL2CT-ND 1 C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148FS-ND 1 J11 Header 17X2 S9182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H S9490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14JTL0KOCT-ND 2 R90, R91 2.2K CF14JT2K2OCT-ND 2 R83, R84, R85, R86 470 CF14JTAYOCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R89, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP	1 1 1 Quantity 2 2 1 2 2 8 4 2 1 1 1 1 Quantity 7 1 1
PlusD Lite	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND P1-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT1K00CT-ND CF14JT1K0CT-ND DNP	1 1 1 Quantity 2 2 1 2 2 8 4 2 1 1 1 1 Quantity 7 1 1 1
C34, C35, C36, C37, C38, C39, C40 0.1uF BC1160CT-ND 7 C66 100pF BC5129-ND 1 C41 33pF 56-K330110C0GH5TL2CT-ND 1 C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148F-ND 1 J11 Header 17X2 59182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H 59490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14JT10KOT-ND 2 R90, R91 2.2K CF14JT2K2OCT-ND 2 R83, R84, R85, R86 470 CF14JT470KCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R82, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J7 R80 R80 R80 R80 R82	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT1470RCT-ND DNP CF14JT1400CT-ND CF14JT12K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND AE10970-ND DNP	1 1 1 Quantity 2 2 2 1 2 8 4 2 1 1 1 1 Quantity 7 1 1 1 1
C34, C35, C36, C37, C38, C39, C40 0.1uF BC1160CT-ND 7 C66 100pF BC5129-ND 1 C41 33pF 56-K33010C0GH5TL2CT-ND 1 C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148F-ND 1 J11 Header 17X2 59182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H 59490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14JT0KOT-ND 2 R90, R91 2.2K CF14JT2K2OCT-ND 2 R83, R84, R85, R86 470 CF14JT470KCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R82, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J7 R80 R80 R80 R80 R82	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT1470RCT-ND DNP CF14JT1400CT-ND CF14JT12K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND AE10970-ND DNP	1 1 1 Quantity 2 2 2 1 2 8 4 2 1 1 1 1 Quantity 7 1 1 1 1
C41 33pF 56-K330/10C0GH5TL2CT-ND 1 C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148FS-ND 1 J11 Header 17X2 59182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H 59490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14/JT0K0CT-ND 2 R90, R91 2.2K CF14/JT2K20CT-ND 2 R83, R84, R85, R86 470 CF14/JT0RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 R80 RN2 U12	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND CF14JT10K0CT-ND DNP	1 1 1 Quantity 2 2 1 2 2 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1
C41 33pF 56-K330/10C0GH5TL2CT-ND 1 C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148FS-ND 1 J11 Header 17X2 59182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H 59490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14/JT0K0CT-ND 2 R90, R91 2.2K CF14/JT2K20CT-ND 2 R83, R84, R85, R86 470 CF14/JT0RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R89, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 U12 PlusD Lite	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND AE10970-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND 4606X-101-103LF 296-33070-5-ND	1 1 1 2 Quantity 2 1 2 1 2 2 8 4 2 1 1 1 1 1 1 Quantity 7 1 1 1 1 1 Quantity 1 Quantity 1
C67 100uF 1189-2260-ND 1 D29 1N4148 1N4148FS-ND 1 J11 Header 17X2 S9182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H S9490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14JT06CT-ND 2 R90, R91 2.2K CF14JT2K2OCT-ND 2 R83, R84, R85, R86 470 CF14JT470RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R859, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U11 W15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT1K0CT-ND DNP Digikey Part Number 1296-33070-5-ND DNP Digikey Part Number BC1160CT-ND	1 1 1 1 Quantity 2 2 1 2 2 8 4 2 1 1 1 1 1 1 Quantity 7 1 1 1 1 1 Quantity 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
D29 1N4148 1N4148FS-ND 1 J11 Header 17X2 S9182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H S9490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14JT10K0CT-ND 2 R90, R91 2.2K CF14JT2K2OCT-ND 2 R83, R84, R85, R86 470 CF14JT470RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R81, R82 R81, R82 R80, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J7 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT1470RCT-ND DNP CF14JT12K20CT-ND EBAY 296-9196-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF 296-33070-5-ND Digikey Part Number BC1160CT-ND BC5129-ND	1 1 1 1 Quantity 2 2 2 1 2 8 4 2 1 1 1 1 1 Quantity 7 1 1 Quantity 7 1
J11 Header 17X2 \$9182-ND 1 J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H \$9490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14JT10K0CT-ND 2 R90, R91 2.2K CF14JT2K2OCT-ND 2 R83, R84, R85, R86 470 CF14JT470RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 R80 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 33pF	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT1K0CT-ND DNP Digikey Part Number 1296-3070-5-ND DNP DNP DNP DNP DNP DNP DNP CF14JT1K0CT-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND BC5125-ND	1 1 1 1 Quantity 2 2 1 2 2 8 4 2 1 1 1 1 1 Quantity 7 1 1 1 1 Quantity 7 1 1 1 1 1
J12, J13, J15 Header 2X2 2057-PH2-04-UA-ND 3 J14 Header 4H \$9490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14JT10K0CT-ND 2 R90, R91 2.2K CF14JT2K20CT-ND 2 R83, R84, R85, R86 470 CF14JT470RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 UN12 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND DNP Digikey Part Number 15M4148FS-ND DNP Digikey Part Number EST14JT10K0CT-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND BC5129-ND S6-833010C0GH5TL2CT-ND 1189-2260-ND	1 1 1 1 Quantity 2 2 1 2 2 8 4 2 1 1 1 1 1 1 Cuantity 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
J14 Header 4H \$9490-ND 1 LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14JT10K0CT-ND 2 R90, R91 2.2K CF14JT2K20CT-ND 2 R83, R84, R85, R86 470 CF14JT470RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF 1N4148	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND DNP Digikey Part Number 15M418FS-ND AE10970-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND BC51830210C0GH5TL2CT-ND 1188-2260-ND	1 1 1 1 1 1 Quantity 2 2 1 1 2 2 8 4 2 1 1 1 1 1 1 1 Quantity 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LED1 3mm red 732-5006-ND 1 R92, R93 10K CF14JT10K0CT-ND 2 R90, R91 2.2K CF14JT2K20CT-ND 2 R83, R84, R85, R86 470 CF14JT470RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R89, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29 J11	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K Av-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF 1N4148 Header 17X2	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND BE10970-ND DNP CF14JT10K0CT-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND S6-K330J10C0GH5TL2CT-ND 11M4148FS-ND S9182-ND	1 1 1 1 1 1 1 Quantity 2 2 1 1 2 2 8 4 4 2 1 1 1 1 1 1 Quantity 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
R92, R93 10K CF14JT10K0CT-ND 2 R90, R91 2.2K CF14JT2K20CT-ND 2 R83, R84, R85, R86 470 CF14JT470RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 U12 Plus Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29 J11 J12, J13, J15	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF 1N4148 Header 17X2 Header 2X2	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M148FS-ND PJ-322 (ebay) CF14JT1470RCT-ND DNP CF14JT12K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF 296-33070-5-ND DNP Digikey Part Number 18M148FS-ND 4506X-101-103LF 296-33070-5-ND DIGIKEY PART Number BC1160CT-ND BC5129-ND 56-K330J10C0GH5TL2CT-ND 1189-2260-ND 1N4148FS-ND 59182-ND	1 1 1 1 1 1 1 1 1 1 1 2 2 2 8 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
R90, R91 2.2K CF14JT2K20CT-ND 2 R83, R84, R85, R86 470 CF14JT470RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29 J11 J12, J13, J15 J14	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF 1N4148 Header 17X2 Header 2X2 Header 4H	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT400CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND DNP Digikey Part Number 15M4148FS-ND DNP Digikey Part Number 15M4148FS-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND BC5129-ND 10Bigikey Part Number BC1160CT-ND BC5129-ND 1189-2260-ND 11M4148FS-ND S9182-ND 2057-PH2-04-UA-ND S9490-ND	1 1 1 1 1 1 1 1 1 1 2 2 1 1 2 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
R83, R84, R85, R86 470 CF14JT470RCT-ND 4	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R85, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29 J11 J12, J13, J15 J14 LED1	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 11k 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF 1N4148 Header 17X2 Header 2X2 Header 2X2 Header 4H 3mm red	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND DNP Digikey Part Number 18M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND 4606X-101-103LF 296-33070-5-ND Digikey Part Number BC1160CT-ND BC5129-ND 56-K330J10C0GH5TL2CT-ND 1189-2260-ND 11M4148FS-ND S9182-ND S9182-ND S9182-ND S9490-ND 732-5006-ND	1 1 1 1 1 1 Quantity 2 2 1 1 2 2 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R83, R84, R85 R86, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29 J11 J12, J13, J15 J14 LED1 R92, R93	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF 1N4148 Header 17X2 Header 4H 3mm red 10K	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF 296-33070-5-ND DIGIKEY Part Number BC1160CT-ND BC5129-ND 1189-2260-ND 1189-2260-ND 1189-2260-ND 199182-ND 2057-PH2-04-UA-ND S9490-ND 732-5006-ND CF14JT10K0CT-ND	1 1 1 1 1 1 1 1 1 2 2 1 1 2 2 8 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MPT/\Z01 \ku\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82, R83, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 U112 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29 J11 J12, J13, J15 J14 LED1 R92, R93 R90, R91	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 774HC366 Value 1.10P 1.100pF 1.33pF 1.100uF 1.1N4148 Header 1.7X2 Header 2X2 Header 4H 3mm red 1.0K 2.2K	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF 296-33070-5-ND BC5129-ND BC5129-ND S6-K330J10C0GH5TL2CT-ND 1189-2260-ND 1N4148FS-ND S9182-ND S9490-ND S9490-ND S9490-ND S9490-ND S9490-ND T325-5006-ND CF14JT10K0CT-ND CF14JT10K0CT-ND CF14JT10K0CT-ND S9490-ND TNA148FS-ND S9182-ND CONTRANCE TO THE TO T	1 1 1 1 1 1 1 1 1 2 2 1 1 2 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70 R60, R61, R66, R67 U8, U9 U10 U11 U11 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29 J11 J12, J13, J15 J14 LED1 R82, R83 R893 R90, R91 R890, R91 R89, R893 R90, R91 R83, R84, R85, R86	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 470 11K 2.2K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF 1N4148 Header 17X2 Header 2X2 Header 2H 3mm red 10K 2.2K 470	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 11M4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 11M4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF 296-33070-5-ND BC5129-ND BC5129-ND S6-K330J10C0GH5TL2CT-ND 1189-2260-ND 1N4148FS-ND S9182-ND S9490-ND S9490-ND S9490-ND S9490-ND S9490-ND T325-5006-ND CF14JT10K0CT-ND CF14JT10K0CT-ND CF14JT10K0CT-ND S9490-ND TNA148FS-ND S9182-ND CONTRANCE TO THE TO T	1 1 1 1 1 1 Quantity 2 2 2 1 1 2 8 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Designator	Value	Digikey Part Number	Quantity
U17	HM6264 or AS6C6264-55PCN	1450-1036-ND	1
U18	27C256	EBAY	1
U19	GAL20V8B	EBAY	1
U26	74LS27	296-14890-5-ND	1
U27	74LS00	296-1626-ND	1
U28	74LS175	296-1648-5-ND	1
U29	74LS06	296-15069-5-ND	1
/5	Crystal 8.000 MHz	CTX1054-ND	1
PB1, PB2	SWITCH TACTILE SPST-NO	450-1661-ND	2
AA1099	Value	Digikey Part Number	Quantity
C42, C50, C51, C52	0.1uF	BC1160CT-ND	4
C44, C45, C46, C47	10nF	445-175393-1-ND	4
C48, C49	10uF	P19522CT-ND	2
C43	22uF	P15791CT-ND	1
1	Inductor 220uH 200mA	RLB0608-221KL-ND	1
R94, R95, R98, 99	1K	CF14JT1K00CT-ND	4
R96, R97, R100, R103	10K	CF14JT10K0CT-ND	4
R101, R104, R108, R109	24K	CF14JT24K0CT-ND	4
R102, R105	2.2K	CF14JT2K20CT-ND	2
R106	47K	CF14JT47K0CT-ND	1
R107	27К	CF14JT27K0CT-ND	1
U20	74HC30	8-Input Positive-NAND Gate	1
J21	74HC32	296-1589-5-ND	1
J22	SAA1099	EBAY	1
123	MCP602-I/P	MCP602-I/P-ND	1
73	OSC 8MHz	ECS-2100A-080	1
Иidi	Value	Digikey Part Number	Quantity
53, C62, C63, C64	10uF	P19522CT-ND	4
C54, C55, C56, C59	0.1uF	BC1160CT-ND	4
C60, C61	22pF	BC5146-ND	2
557, C58	100uF	732-8598-1-ND	2
C65	1uF	732-8966-3-ND	1
2	Inductor 220uH 200mA	RLB0608-221KL-ND	1
110, R111	47K	CF14JT47K0CT-ND	2
3112	10K	CF14JT10K0CT-ND	1
J24	SAM2695	EBAY	1
J25	AZ1117IH-3.3TRG1	AZ1117IH-3.3TRG1DICT-ND	1
Y4	Crystal 12MHz	2151-AS-12.000-20-ND	1