ZX Max +D issue 1

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Designator	Value	Digikey Part Number	Quantity
C1, C26	10uF	P19522CT-ND	2
C4, C5	22uF	P15791CT-ND	2
C6, C7	27pF	445-173185-1-ND	2
C8, C27	220uF	1189-1546-1-ND	2
C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C25, C28, C29, C30	0.1uF	BC1160CT-ND	19
C24	10pF	BC1001CT-ND	1
	1 '		
C31	10nF	445-175393-1-ND	1
C32	3.3nF	BC1075TR-ND	1
C33	3.3nF	DNP	1
D1, D2, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20	1N4148	1N4148FS-ND	17
D28	2W005G-E4/51	2W005G-E4/51GI-ND	1
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]1	RCPT 8	5-520315-8-ND	1
12	RCPT 5	A105063-ND	1
]4	DC JACK	CP-002A-ND	1
J6	Audio Jack	CP1-3525N-ND	1
J8	M-DIN 9-R	®MDGX-9S-BS-1	1
	_		
19	Header 5X2	10129381-910002BLF-ND	1
J17, J18	Header 2	952-2262-ND	2
Q1	BC548	BC548BTACT-ND	1
	470	CF14JT470RCT-ND	27
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			
R23, R24, R25, R26, R46, R47, R48, R49, R50, R55, R56, R73, R75, R77, R79	10K	CF14JT10K0CT-ND	15
R30, R31, R32, R33	75	CF14JT75R0CT-ND	4
R34	2.7K	DNP	1
R35, R36, R37, R38, R39	68	CF14JT68R0CT-ND	5
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R40, R41, R42, R43, R44, R45	150	CF14JT150RCT-ND	6
R51	1M	CF14JT1M00CT-ND	1
R52	1K	CF14JT1K00CT-ND	1
R53	4K7	DNP	1
R71	33K	CF14JT33K0CT-ND	1
R72, R74	150K	CF14JT150KCT-ND	2
R76	470K	CF14JT470KCT-ND	1
RN1	10K*8	4609X-101-103LF-ND	1
U1	Z80-CPU	269-3892-ND	1
U2	27C256	27C256	1
U3, U4	HM628128 or AS6C1008	AS6C1008-55PCN	2
US	EPM7128S/LCC	EBAY	1
U6	74HC04 or 74HCU04	296-1566-5-ND or 2 96-9820-5-ND	1
U7	74HC174	296-1579-5-ND	1
U13	AD724JR	AD724JRZ-ND	1
U14	TSR 2-2450	1951-2692-ND	1
Y1	Crystal 28.375MHz	449-LFXTAL024588BULK (mouser.com)	1
Y1	Crystal 28.375MHz	449-LFXTAL024588BULK (mouser.com)	1
Y1	Crystal 28.375MHz	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND	1
Y1 Y2 Turbo Sound	Crystal 28.375MHz 4.433MHz Value	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number	1 1 Quantity
Y1 Y2 Turbo Sound C2, C3	Crystal 28.375MHz 4.433MHz Value	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND	1 1 Quantity 2
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 1
Y1 Y2 Turbo Sound C2, C3	Crystal 28.375MHz 4.433MHz Value	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay)	1 1 Quantity 2
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 1
Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND	1 1 Quantity 2 1 1 2
Y1 Y2 Turbo Sound C2, C3 D4, D5 I5 R57, R58 R81, R82	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 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 1 1 2
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 1 1 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	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP	1 1 Quantity 2 1 1 2
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 1 1 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 470 470 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 1 1 2 2 2 8 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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY Z96-9196-5-ND	1 1 Quantity 2 1 1 2 2 8 4 2
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 74HC74	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND	1 1 Quantity 2 1 1 2 2 2 8 4 4 2 1
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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY Z96-9196-5-ND	1 1 Quantity 2 1 1 2 2 8 4 2
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	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JTZK20CT-ND EBAY 296-9196-5-ND DNP DNP	1 1 2 1 2 2 8 4 2 1 1
Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R81, R82 R81, R82 R80, 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	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 296-1602-5-ND DNP Digikey Part Number	1 1 1 Quantity 2 1 1 2 2 8 4 2 1 1 1 1 Quantity
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	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JTZK20CT-ND EBAY 296-9196-5-ND DNP DNP	1 1 2 1 2 2 8 4 2 1 1
Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R81, R82 R81, R82 R80, 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 74HC74 ESP8266-12E Value 1N4148	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 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND	1 1 2 1 2 8 4 2 1 1 1 0 Quantity 7
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 2.2.K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT4K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND	1 1 2 1 2 8 4 2 1 1 1 0 Quantity 7 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 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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP	1 1 1 2 1 1 2 8 4 2 1 1 1 1 0 Quantity 7 1 1 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 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80	Crystal 28.375MHz 4.433MHz Value 10uF 11N4148 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 PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND	1 1 1 Quantity 2 1 1 2 2 8 4 2 1 1 1 1 Quantity 7 1 1 1 1 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 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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP	1 1 1 2 1 1 2 8 4 2 1 1 1 1 0 Quantity 7 1 1 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 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80	Crystal 28.375MHz 4.433MHz Value 10uF 11N4148 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 PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND	1 1 1 Quantity 2 1 1 2 2 8 4 2 1 1 1 1 Quantity 7 1 1 1 1 1
Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R81, R82 R86, 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	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 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF	1 1 1 2 1 1 2 2 8 8 4 2 1 1 1 1 0 Quantity 7 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 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 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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND CF14JT10K0T-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs	1 1 1 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 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 2.2.2K AY-3-8910 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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND Hex Bus Driver with 3-State Outputs Digikey Part Number	1 1 1 2 1 1 2 2 8 4 2 1 1 1 1 1 1 1 1 Quantity 7 1 1 1 1 1 Quantity 1 1 1 1 1 Quantity
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 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 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND END DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND	1 1 1 1 Quantity 2 1 1 1 2 2 8 4 2 1 1 1 1 1 1 1 Quantity 7 1 1 1 1 1 1 Quantity 7 7
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 2.2.2K AY-3-8910 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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND Hex Bus Driver with 3-State Outputs Digikey Part Number	1 1 1 2 1 1 2 2 8 4 2 1 1 1 1 1 1 1 1 Quantity 7 1 1 1 1 1 Quantity 1 1 1 1 Quantity
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 J880 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 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND EB104149FS-ND AE10970-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND BC5129-ND	1 1 1 1 Quantity 2 1 1 2 2 8 8 4 2 1 1 1 1 1 1 Quantity 7 1 1 1 1 Quantity 7 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 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	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 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT1CK0CT-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP DIP DIP DIP DIP CF14JT10K0CT-ND UNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND	1 1 1 1 2 1 1 2 2 8 8 4 2 1 1 1 1 1 1 1 1 Quantity 7 1 1 1 1 Quantity 7 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 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10 R80 RN2 UN2 UN2 UN2 UN2 UN3 UN4 UN5 UN5 UN6 UN7 UN7 UN7 UN8 UN8 UN9	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 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT1K0CT-ND CF14JT1K0CT-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP DIGHER DIGH	1 1 1 2 2 1 1 1 2 2 8 8 4 2 1 1 1 1 1 1 Quantity 7 1 1 1 1 Quantity 7 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 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 R80 R80 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29	Crystal 28.375MHz 4.433MHz Value 10uF 11N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 11N4148 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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND BC5129-ND B189-2260-ND IN4148FS-ND	1 1 1 1 2 1 1 2 2 8 4 2 1 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
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 UN2 UN2 UN2 UN2 UN3 UN4 UN5 UN5 UN6 UN7 UN7 UN7 UN8 UN8 UN9	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 10K*5 74HC366 Value 0.1uF 100pF 33pF 100uF	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT1K0CT-ND CF14JT1K0CT-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP DIGHER DIGH	1 1 1 2 2 1 1 1 2 2 8 8 4 2 1 1 1 1 1 1 Quantity 7 1 1 1 1 Quantity 7 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 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	Crystal 28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2.2K 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	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT470RCT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND BC5129-ND BC5129-ND BC56-K330J10C0GH5TL2CT-ND B189-2260-ND 1N4148F5-ND S9182-ND	1 1 1 1 1 2 1 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
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 J11 J12, J13, J15	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	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-9196-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND EB18410970-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND BC59182-ND B189-2260-ND 1N4148FS-ND S9182-ND	1 1 1 1 1 1 1 1 1 1 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
Y1 Y2 Turbo Sound C2, C3 D4, D5 I5 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 J11 J12, J13, J15 J14	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 1N4148 Header 17X2 Header 2X2 Header 4H	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT1K0CT-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT1K0CT-ND DNP CF14JT1K0CT-ND BC512-ND DNP CF14JT1K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND BC512-ND BC512-ND S6-K330J10C0GHSTL2CT-ND 18189-2260-ND 1N4148FS-ND S9182-ND 2057-PH2-04-UA-ND S9490-ND	1 1 1 1 1 1 1 1 2 1 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
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 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 1K 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 4H 3mm red	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 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP DIGHEY Part Number 1N4148FS-ND AE10970-ND DNP DIGHEY Part Number 1N4148FS-ND AE10970-ND DNP DIGHEY Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND BC5129-ND 56-K330J10C0GH5TL2CT-ND B189-2260-ND 1N4148FS-ND S9182-ND S9182-ND S9182-ND S9325-OND J325-5006-ND	1 1 1 1 1 2 1 1 1 2 2 8 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
Y1 Y2 Turbo Sound C2, C3 D4, D5 I5 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 J11 J12, J13, J15 J14	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 1N4148 Header 17X2 Header 2X2 Header 4H	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT1K0CT-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP CF14JT1K0CT-ND DNP CF14JT1K0CT-ND BC512-ND DNP CF14JT1K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND BC512-ND BC512-ND S6-K330J10C0GHSTL2CT-ND 18189-2260-ND 1N4148FS-ND S9182-ND 2057-PH2-04-UA-ND S9490-ND	1 1 1 1 1 1 1 1 2 1 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
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 1K 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 4H 3mm red	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 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND AE10970-ND DNP DIGHEY Part Number 1N4148FS-ND AE10970-ND DNP DIGHEY Part Number 1N4148FS-ND AE10970-ND DNP DIGHEY Part Number 1N4148FS-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND BC5129-ND 56-K330J10C0GH5TL2CT-ND B189-2260-ND 1N4148FS-ND S9182-ND S9182-ND S9182-ND S9325-OND J325-5006-ND	1 1 1 1 1 2 1 1 2 2 8 8 4 2 1 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
Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R82, 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 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 11N4148 Audio Jack 470 470 1K 2.2.K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E Value 11N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 333pF 100uF 1N4148 Header 17X2 Header 2X2 Header 4H 3mm red 10K 2.2K	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND S9182-ND 1N4148F5-ND S9182-ND 2057-PH2-04-UA-ND S9490-ND 322-5006-ND CF14JT10K0CT-ND	1 1 1 1 1 2 1 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
Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R82, 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 RN2 U12 PlusD Lite C34, C35, C36, C37, C38, C39, C40 C66 C41 C67 D29 J11 J12, J13, J15 J14 LED1 R89, R93 R90, R91 R89, R93 R90, R91 R89, R893 R90, R91 R83, R84, R85, R86	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 4H 3mm red 10K 2.2K 470	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND EBAY 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND EBC5129-ND DNP CF14JT10KOCT-ND BC5129-ND BC5129-N	1 1 1 1 1 1 1 1 1 2 2 1 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
Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R82, 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 R92, R93 R90, R91	Crystal 28.375MHz 4.433MHz Value 10uF 11N4148 Audio Jack 470 470 1K 2.2.K AY-3-8910 74HC30 74HC30 74HC74 ESP8266-12E Value 11N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 100pF 333pF 100uF 1N4148 Header 17X2 Header 2X2 Header 4H 3mm red 10K 2.2K	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND AE10970-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND BC5129-ND BC5129-ND BC5129-ND BC5129-ND S9182-ND 1N4148F5-ND S9182-ND 2057-PH2-04-UA-ND S9490-ND 322-5006-ND CF14JT10K0CT-ND	1 1 1 1 1 2 1 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

Designator	Value	Digikey Part Number	Quantity
U17	HM6264 or AS6C6264-55PCN	I 450-1036-ND	1
U18	27C256	EBAY	1
U19	GAL20V8B	EBAY	1
U26	74LS27	296-14890-5-ND	1
U27	74LS00	2 96-1626-ND	1
U28	74LS175	2 96-1648-5-ND	1
J29	74LS06	296-15069-5-ND	1
Y5	Crystal 8.000 MHz	@TX1054-ND	1
PB1, PB2	SWITCH TACTILE SPST-NO	450-1661-ND	2
SAA1099	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	27K	CF14JT27K0CT-ND	1
J20	74HC30	8-Input Positive-NAND Gate	1
J21	74HC32	296-1589-5-ND	1
J22	SAA1099	EBAY	1
J23	MCP602-I/P	MCP602-I/P-ND	1
/3	OSC 8MHz	ECS-2100A-080	1
Midi	Value	Digikey Part Number	Quantity
553, C62, C63, C64	10uF	P19522CT-ND	4
C54, C55, C56, C59	0.1uF	BC1160CT-ND	4
C60, C61	22pF	BC5146-ND	2
C57, C58	100uF	732-8598-1-ND	2
265	1uF	732-8966-3-ND	1
2	Inductor 220uH 200mA	RLB0608-221KL-ND	1
R110, R111	47K	CF14JT47K0CT-ND	2
3112	10K	CF14JT10K0CT-ND	1
J24	SAM2695	EBAY	1
J25	AZ1117IH-3.3TRG1	AZ1117IH-3.3TRG1DICT-ND	1
/4	Crystal 12MHz	2151-AS-12.000-20-ND	1
Y4x (If use Y4x, don't install Y4, C60, C61)	OSC 12MHz	XC1958CT-ND	1