ZX Max 128 issue 5

Company	ZX Max 128 issue 5			
Section				
S.C. 17			P19522CT-ND	
SECOND 1985	C5	22uF	P15791CT-ND	1
SCARLE FLOOR CORE CORE CORE CORE CORE CORE CORE C	C6, C7	27pF	445-173185-1-ND	2
Color	C8, C27	220uF	1189-1546-1-ND	2
Color	C9. C10. C11. C12. C13. C14. C15. C16. C17. C18. C19. C20. C21. C22. C23. C25. C28. C29. C30	0.1uF	BC1160CT-ND	19
Total State Stat				
1		<u> </u>		
239 Dip 2 Dip				
Display Display Display Display Display Display Display Display Disp				
DESTAND DEST				
2	D1, D2, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20	1N4148	1N4148FS-ND	17
22 1.5	D28	DF02M	DF02MDI-ND	1
## 15 PACE P	J1	RCPT 8	5-520315-8-ND	1
## 15 PACE P	12	RCPT 5	A105063-ND	1
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DECEMBER CAMPACE CAM			10129381-910002BLF-ND	
RELEAN DELIN AND SECTION CONTINUENCY C	J17	Header 2	952-2262-ND	1
223, PAG. 1869, PAG. 1869, RAS9, RSS9, R	Q1	BC548	BC548BTACT-ND	1
223, PAG. 1869, PAG. 1869, RAS9, RSS9, R	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
REAL PROJECT				
1984 27K				
88, 818, 829, 839 88, 829, 824, 839 85, 828, 828, 839 81, 828, 828, 828 81, 828, 828, 828 82, 828, 828, 828 83, 828, 828, 828, 828 83, 828, 828, 828, 828 83, 828, 828, 828, 828, 828, 828, 828,				
MAR				
152.1 MA				
18.2, PR.68, PR.78, R.89, R.89 18.2 CHAPTMOCTAD 17 18.3 477 ONP 1 18.7 AFT TOWN 1 18.7	, , , , ,			
82, 868, 87, 888, 889	R51	1M	CF14JT1M00CT-ND	1
B23	R52, R86, R87, R88, R89	1K		17
\$27, 2474				
\$2,874				
#76				
BR11				
10.1	R76	470K	CF14JT470KCT-ND	1
192	RN1	10K*8	4609X-101-103LF-ND	1
US 14	U1	Z80-CPU	269-3892-ND	1
US 14	U2	27C256	27C256	1
CFM71285/LCC				
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Description				
D33				
1				
Y1	U13	AD724JR	AD724JRZ-ND	1
Year				
Turko Ssund	U14	R-78E5.0	945-2201-ND	1
Turko Ssund				
C2, C3	Y1	28.375MHz	449-LFXTAL024588BULK (mouser.com)	1
C2, C3	Y1	28.375MHz	449-LFXTAL024588BULK (mouser.com)	1
DAILY DAIL	Y1 Y2	28.375MHz 4.433MHz	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND	1 1
Audio Jack	Y1 Y2 Turbo Sound	28.375MHz 4.433MHz Value	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number	1 1 Quantity
R57, R58	Y1 Y2 Turbo Sound C2, C3	28.375MHz 4.433MHz Value	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND	1 1 Quantity 2
R81, R82	Y1 Y2 Turbo Sound C2, C3 D4, D5	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
RESP, RESZ, RESZ	Y1 Y2 Turbo Sound C2, C3 D4, D5	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
REO, REI, REG, REF 2.2 K	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5	28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148FS-ND PJ-322 (ebay)	1 1 Quantity 2 1
R60, R61, R66, R67	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58	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
18, 19	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82	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 1 1 2
U10	Y1 Y2 Turbo Sound C2, C3 D4, D5 J5 R57, R58 R81, R82 R59, R62, R63, R64, R65, R68, R69, R70	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
D11	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	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 1 1 2 2 2 8
U15 ESP8266-12E DNP 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	28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910	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	1 1 Quantity 2 1 1 2 2 2 8 4
Kempston Joystick Value Digitery Part Number Quantity D21, D22, D23, D24, D25, D26, D27 1 N4148 1 N4148FS-ND 7 J7 DB9 MALE 609-5183-ND 1 J10, J11 Header 2 DNP 2 R80 10K CF14JT10KOCT-ND 1 RN2 10K*5 4606K-101-103LF 1 U12 74HC366 Hex Bus Driver with 3-State Outputs 1 DivMMC Value Digitery Part Number Quantity C34, C35, C36, C37, C38, C39 0.1uF BC1160CT-ND 6 C40, C41 10uF P19522CT-ND 2 J12 Header SX2 10129381-91002BE-ND 1 J13 SD Socket 101-00708-64-ND 1 J14 MicroSD Socket DNP 1 J15 Header 3X2 DNP 1 J16 Header 3X2 DNP 1 J16 Header 3X2 DNP 1 J16 Header 3X2 DNP 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	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 296-9196-5-ND	1 1 Quantity 2 1 1 2 2 8 4 2
D21, D22, D23, D24, D25, D26, D27	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	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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND	1 1 2 1 1 2 2 2 8 4 4 2 1
D21, D22, D23, D24, D25, D26, D27	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	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 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND CF14JT2K20CT-ND EBAY 296-9196-5-ND 296-1602-5-ND	1 1 2 1 1 2 2 2 8 4 4 2 1
17	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	28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 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	1 1 2 1 1 2 2 2 8 4 2 1 1
III	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	28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 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 2 1 1 2 2 8 4 2 1 1 1 1
III	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	28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 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 2 1 1 2 2 8 4 2 1 1 1 1
R80 10K CF14JT10K0CT-ND 1 RN2 10K*5 4606X-101-103LF 1 U12 74HC366 Hex Bus Driver with 3-State Outputs 1 DivMMC Value Digikey Part Number Quantity C34, C35, C36, C37, C38, C39 0.1uF BC1160CT-ND 6 C40, C41 10uF P19522CT-ND 2 J12 Header SX2 10129381-910002BLF-ND 1 J13 SD Socket 101-00708-64-ND 1 J14 MicroSD Socket DNP 1 J15 Header 3X2 DNP 1 J16 Header 2 952-2262-ND 1 PB1, PB2 SWITCH TACTILE SPST-NO 450-1661-ND 2 Q2 BC548 BC548BTACT-ND 1 R83, R84, R85 10K CF14JT10K0CT-ND 3 R86, R87, R88, R89 1K CF14JT10K0CT-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	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 DNP Digikey Part Number 1N4148FS-ND	1 1 2 1 2 2 8 4 2 1 1 1 0 Quantity 7
RN2	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	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 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 609-5183-ND	1 1 1 Quantity 2 1 1 2 2 8 4 2 1 1 1 1 1 Cuantity 7
DIVMMC Digite Part Number 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, J11	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 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 609-5183-ND DNP	1 1 1 Quantity 2 1 1 2 2 8 4 2 1 1 1 1 Quantity 7 1 2
DivMMC Value Digikey Part Number Quantity C34, C35, C36, C37, C38, C39 0.1uF BC1160CT-ND 6 C40, C41 10uF P19522CT-ND 2 J12 Header 5X2 10129381-9100028LF-ND 1 J13 SD Socket 101-00708-64-ND 1 J14 MicroSD Socket DNP 1 J15 Header 3X2 DNP 1 J16 Header 2 952-2262-ND 1 PB1, PB2 SWITCH TACTILE SPST-NO 450-1661-ND 2 Q2 BC548 BC548TACT-ND 1 R83, R84, R85 10K CF14JT10KOCT-ND 3 R86, R87, R88, R89 1K CF14JT1K0OCT-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, J11 R80	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 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 609-5183-ND DNP CF14JT10K0CT-ND	1 1 1 2 2 8 4 2 1 1 1 1 0 Quantity 7 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
C34, C35, C36, C37, C38, C39 0.1uF BC1160CT-ND 6 C40, C41 10uF P19522CT-ND 2 J12 Header 5X2 10129381-9100028LF-ND 1 J13 SD Socket 101-00708-64-ND 1 J14 MicroSD Socket DNP 1 J15 Header 3X2 DNP 1 J16 Header 2 952-2262-ND 1 PB1, PB2 SWITCH TACTILE SPST-NO 50-1661-ND 2 Q2 BC548 BC548BTACT-ND 1 R83, R84, R85 10K CF14JT10KOCT-ND 3 R86, R87, R88, R89 1K CF14JT1K0OCT-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, J11 R80 RN2	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	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 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND 609-5183-ND DNP CF14JT10K0CT-ND 4606X-101-103LF	1 1 1 2 1 2 8 4 2 1 1 1 1 0 Quantity 7 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
C34, C35, C36, C37, C38, C39 0.1uF BC1160CT-ND 6 C40, C41 10uF P19522CT-ND 2 J12 Header 5X2 10129381-9100028LF-ND 1 J13 SD Socket 101-00708-64-ND 1 J14 MicroSD Socket DNP 1 J15 Header 3X2 DNP 1 J16 Header 2 952-2262-ND 1 PB1, PB2 SWITCH TACTILE SPST-NO 50-1661-ND 2 Q2 BC548 BC548BTACT-ND 1 R83, R84, R85 10K CF14JT10KOCT-ND 3 R86, R87, R88, R89 1K CF14JT1K0OCT-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, J11 R80 RN2	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	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 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND 609-5183-ND DNP CF14JT10K0CT-ND 4606X-101-103LF	1 1 1 2 1 2 8 4 2 1 1 1 1 0 Quantity 7 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
C40, C41 10uF P19522CT-ND 2 J12 Header 5X2 10129381-9100028LF-ND 1 J13 SD Socket 101-00708-64-ND 1 J14 MicroSD Socket DNP 1 J15 Header 3X2 DNP 1 J16 Header 2 952-2262-ND 1 PB1, PB2 SWITCH TACTILE SPST-NO 450-1661-ND 2 Q2 BC548 BC5488TACT-ND 1 R83, R84, R85 10K CF14JT10KOCT-ND 3 R86, R87, R88, R89 1K CF14JT1K0OCT-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, J11 R80 RN2 U12	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 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 609-5183-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND CF14JT2K20T-ND DNP LIGHT Number 1N4148FS-ND HIGHT Number LIGHT Number Number LIGHT Number Number LIGHT Number	1 1 1 Quantity 2 1 1 2 2 8 4 2 1 1 1 1 Quantity 7 1 2 1 1 1 1 1
Header 5X2	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, J11 R80 RN2 U12 DivMMC	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 609-5183-ND DNP CF14JT10K0CT-ND HOP LF14JT10K0CT-ND LF14JT	1 1 1 2 2 2 8 4 2 1 1 1 1 0 Quantity 7 1 2 1 1 Quantity 7 1 Quantity 7 1 Quantity 7 1 Quantity 1
Header 5X2	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, J11 R80 RN2 U12 DivMMC	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 609-5183-ND DNP CF14JT10K0CT-ND HOP LF14JT10K0CT-ND LF14JT	1 1 1 2 2 2 8 4 2 1 1 1 1 0 Quantity 7 1 2 1 1 Quantity 7 1 Quantity 7 1 Quantity 7 1 Quantity 1
13 SD Socket 101-00708-64-ND 1 14 MicroSD Socket DNP 1 15 Header 3X2 DNP 1 16 Header 3X2 DNP 1 17 DNP 1 18 Header 2 952-2262-ND 1 19 SWITCH TACTILE SPST-NO 450-1661-ND 2 10 BC548 BC548TACT-ND 1 10 R83, R84, R85 10K CF14JT10KOCT-ND 3 10 R86, R87, R88, R89 1K CF14JT1K0OCT-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 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10, J11 R80 RN2 U12 DivMMC C34, C35, C36, C37, C38, C39	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 609-5183-ND DNP CF14JT10K0CT-ND END DNP Digikey Part Number 1N4148FS-ND 609-5183-ND DNP CF14JT10K0CT-ND HOP CF14JT10K0CT-ND URGUEY PART Number BC1160CT-ND DNP HOP CF14JT10K0CT-ND HOP CF14JT10K0CT-ND HOP CF14JT10K0CT-ND HOP CF14JT10K0CT-ND HOP	1 1 1 2 2 8 4 2 1 1 1 1 0 Quantity 7 1 2 1 1 0 Quantity 7 1 2 1 1 1 1 0 Quantity 6
114 MicroSD Socket DNP	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 J10, J11 R80 RN2 U12 DiWMMC C34, C35, C36, C37, C38, C39 C40, C41	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 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 609-5183-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND P19522CT-ND	1 1 1 2 2 8 4 2 1 1 1 1 0 Quantity 7 1 2 1 1 1 0 Quantity 7 1 2 1 1 1 1 1 0 Quantity 6 2
Header 3X2 DNP	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, J11 R80 RN2 U12 DivMMC C34, C35, C36, C37, C38, C39 C40, C41 J12	28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 1K 2.2K AY-3-8910 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 0.1uF 10uF Header 5X2	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 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND DNP Digikey Part Number 1N4148FS-ND DNP Digikey Part Number 1N4148FS-ND DNP Digikey Part Number Digikey Part Number Digikey Part Number Digikey Part Number BC1160CT-ND P19522CT-ND D10129381-910002BLF-ND	1 1 1 2 2 1 1 1 2 2 8 4 2 1 1 1 1 1 Quantity 7 1 2 1 1 1 1 Quantity 6 2 1
J16 Header 2 952-2262-ND 1 PB1, PB2 SWITCH TACTILE SPST-NO 450-1661-ND 2 Q2 BC548 BC548BTACT-ND 1 R83, R84, R85 10K CF14JT10K0CT-ND 3 R86, R87, R88, R89 1K CF14JT1K0CT-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, J11 R80 RN2 UN2 UN2 UN2 UN3 UN4 UN5 UN4 UN5 UN5 UN6 UN7 UN7 UN8 UN8 UN9	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 10uF Header 5X2 SD Socket	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 609-5183-ND DNP CF14JT1K0CT-ND CF14JT1K0CT-ND CF14JT1K0CT-ND DNP Digikey Part Number 1N4148FS-ND 609-5183-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND 10129381-910002BLF-ND 101-00708-64-ND	1 1 1 1 2 1 1 2 2 8 4 2 1 1 1 1 Cuantity 7 1 1 2 1 1 1 Quantity 7 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PB1, PB2 SWITCH TACTILE SPST-NO 450-1661-ND 2 Q2 BC548 BC548TACT-ND 1 R83, R84, R85 10K CF14JT10K0CT-ND 3 R86, R87, R88, R89 1K CF14JT1K0CCT-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, J11 R80 RN2 U12 DiwMMC C34, C35, C36, C37, C38, C39 C40, C41 J12 J13 J14	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 Header 5X2 SD Socket MicroSD Socket	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 609-5183-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND EBAY 296-1002-5-ND DNP Digikey Part Number 1N4148F5-ND 609-5183-ND DNP CF14JT10K0CT-ND LF14JT10K0CT-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND P19522CT-ND 10129381-910002BLF-ND 101-00708-64-ND DNP	1 1 1 1 1 2 2 1 1 1 1 2 2 8 4 2 1 1 1 1 1 Cuantity 7 1 1 2 1 1 1 1 Cuantity 6 2 1 1 1 1 1
Q2 BC548 BC548FACT-ND 1 R83, R84, R85 10K CF14JT10K0CT-ND 3 R86, R87, R88, R89 1K CF14JT1K00CT-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, J11 R80 RN2 U12 DivMMC C34, C35, C36, C37, C38, C39 C40, C41 J12 J13 J14 J15	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 10uF Header 5X2 SD Socket MicroSD Socket Header 3X2	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 609-5183-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND P19522CT-ND 10129381-910002BLF-ND 1010-00708-64-ND DNP DNP	1 1 1 1 Quantity 2 1 1 1 2 2 8 8 4 2 1 1 1 1 Quantity 7 1 2 1 1 1 1 Quantity 6 2 1 1 1 1 1 1 1 1 1 1
R83, R84, R85 10K CF14JT10K0CT-ND 3 R86, R87, R88, R89 1K CF14JT1K00CT-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, J11 R80 RN2 U12 DivMMC C34, C35, C36, C37, C38, C39 C40, C41 J12 J13 J14 J15 J16	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 10uF Header 5X2 SD Socket MicroSD Socket MicroSD Socket Header 2 Header 2	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 609-5183-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND P19522CT-ND 10129381-910002BLF-ND 101-00708-64-ND DNP DNP DNP DNP DNP DNP DNP DNP	1 1 1 1 2 2 2 8 4 4 2 1 1 1 1 0 Quantity 7 1 2 1 1 1 1 1 Cuantity 6 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
R86, R87, R88, R89 1K CF14JT1K00CT-ND 4	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 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10, J11 R80 RN2 U12 DiwMMC C34, C35, C36, C37, C38, C39 C40, C41 J13 J14 J15 J16 P81, P82	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 10uF Header 5X2 SD Socket MicroSD Socket Header 3X2 Header 2 SWITCH TACTILE SPST-NO	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 609-5183-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number 8C1160CT-ND P19522CT-ND 10129381-910002BLF-ND 101-00708-64-ND DNP DNP 952-2262-ND 450-1661-ND	1 1 1 1 2 2 3 8 4 2 1 1 1 1 1 Quantity 7 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2 1 1 1 1 2
R86, R87, R88, R89 1K CF14JT1K00CT-ND 4	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 U11 U15 Kempston Joystick D21, D22, D23, D24, D25, D26, D27 J7 J10, J11 R80 RN2 U12 DiwMMC C34, C35, C36, C37, C38, C39 C40, C41 J13 J14 J15 J16 P81, P82	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 10uF Header 5X2 SD Socket MicroSD Socket Header 3X2 Header 2 SWITCH TACTILE SPST-NO	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 609-5183-ND DNP CF14JT10K0CT-ND 4606X-101-103LF Hex Bus Driver with 3-State Outputs Digikey Part Number 8C1160CT-ND P19522CT-ND 10129381-910002BLF-ND 101-00708-64-ND DNP DNP 952-2262-ND 450-1661-ND	1 1 1 1 2 2 2 8 4 2 1 1 1 1 1 2 2 2 8 7 1 1 1 1 1 Quantity 7 2 1 1 1 1 1 1 1 2 1 1 1 2 2 1 1 1 1 2 1 2 1 1 1 1 2 2 1 1 1 1 2 1 1 1 1 2
	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, J11 R80 RN2 U12 DivMMC C34, C35, C36, C37, C38, C39 C40, C41 J12 J13 J14 J15 J16 B16 B2 B2 B2 B3 B3 B3 B3 B3 B3 B4 B5 B1	28.375MHz 4.433MHz Value 10uF 1N4148 Audio Jack 470 470 470 1K 2.2K AY-3-8910 74HC30 74HC74 ESP8266-12E Value 1N4148 DB9 MALE Header 2 10K 10K*5 74HC366 Value 10uF Header 5X2 SD Socket MicroSD Socket Header 3X2 Header 2 SWITCH TACTILE SPST-NO BC548	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND N4148FS-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number N4148FS-ND DNP Digikey Part Number N4148FS-ND DNP Digikey Part Number Digikey Part Number N4148FS-ND DNP CF14JT10K0CT-ND DNP CF14JT10K0CT-ND DNP Digikey Part Number 1010-0708-64-ND DNP DNP D101-00708-64-ND DNP DNP DNP DNP DNP DNP DNP DNP DNP D	1 1 1 1 1 1 1 2 1 1 1 2 2 8 4 2 1 1 1 1 1 1 1 Quantity 7 1 2 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1
LEEN CHIPTERCOCHIAD 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, J11 R80 RN2 U12 DivMMC C34, C35, C36, C37, C38, C39 C40, C41 J13 J14 J15 J16 P81, P82 Q2 R83, R84, R85	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 Header 5X2 SD Socket MicroSD Socket Header 3X2 Header 2 SWITCH TACTILE SPST-NO BC548 10K	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148FS-ND 609-5183-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND 10129381-910002BLF-ND 101-00708-64-ND DNP DNP 552-2262-ND 450-1661-ND BC548BTACT-ND CF14JT10K0CT-ND BC548BTACT-ND CF14JT10K0CT-ND	1 1 1 1 1 1 1 1 2 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 R859, 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, J11 R80 RN2 U12 DivMMC C34, C35, C36, C37, C38, C39 C40, C41 J12 J13 J14 J15 J16 P81, P82 Q2 R83, R84, R85 R86, R87, R88, R89	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 10uF 10uF 10uF 10uF 10uF 10uF 10uF 1	449-LFXTAL024588BULK (mouser.com) 1923-1420-ND Digikey Part Number P19522CT-ND 1N4148F5-ND PJ-322 (ebay) CF14JT470RCT-ND DNP CF14JT1K00CT-ND EBAY 296-9196-5-ND 296-1602-5-ND DNP Digikey Part Number 1N4148F5-ND 609-5183-ND DNP CF14JT10K0CT-ND CF14JT10K0CT-ND CF14JT10K0CT-ND DNP Digikey Part Number 1N4148F5-ND 609-5183-ND DNP CF14JT10K0CT-ND Hex Bus Driver with 3-State Outputs Digikey Part Number BC1160CT-ND P19522CT-ND 10129381-910002BLF-ND 101-00708-64-ND DNP DNP 952-2262-ND 450-1661-ND BC548BTACT-ND CF14JT10K0CT-ND CF14JT10K0CT-ND CF14JT10K0CT-ND CF14JT10K0CT-ND CF14JT10K0CT-ND	1 1 1 1 1 1 1 1 2 2 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
U16	EPM71	128S/LCC	EBAY	1
U17	28C64		AT28C64B-15PU-ND	1
U18	HM6281	128 or AS6C1008	AS6C1008-55PCN	1
U19	AZ1117	7IH-3.3TRG1	AZ1117IH-3.3TRG1DICT-ND	1
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
L1	Inducto	or 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
U20	74HC30	0	8-Input Positive-NAND Gate	1
U21	74HC32	2	296-1589-5-ND	1
U22	SAA109	99	EBAY	1
U23	MCP60)2-I/P	MCP602-I/P-ND	1
Y3	OSC 8N	ИНz	ECS-2100A-080	1
Midi		Value	Digikey Part Number	Quantity
C53, 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
1.2	Inducto	or 220uH 200mA	RLB0608-221KL-ND	1
R110, R111	47K		CF14JT47K0CT-ND	3
U24	SAM26	595	EBAY	1
U25	AZ1117	7IH-3.3TRG1	AZ1117IH-3.3TRG1DICT-ND	1
Y4	Crystal	12MHz	2151-AS-12.000-20-ND	1