0.1uF	Unpolarized capacitor		C1-C5, C7, C12-C18, C20-C23,	Digikey						
10uF	Polarized capacitor		O6,	Digikey						
10nF	Unpolarized capacitor	https://www.digikey.com/products/en7keywords=399-4150-ND	C8,	Digikey						
47pF	Unpolarized capacitor	https://www.digikey.com/products/en?keywords=399-9737-ND	C9, C10,	Digikey						
1000uF	Polarized capacitor	https://www.digikey.com/products/en?keywords=1189-1745-ND	C11,	Digikey						
1uf	Unpolarized capacitor	https://www.cloikev.com/product-detail/en/kemet/C320C105K5N5TA91707301/399-14394-1-ND/65	C19	Digikey						
5mm LED Green	Light emitting diode	https://www.digikey.com/products/en7keywords=754-1263-ND	D1, D3	Digkey						
5mm LED Red	Light emitting diode		D2, D4	Digikey						
Ferite bead	Ferrite bead	https://www.digikey.com/products/en?keywords=490-10997-ND	FB1,	Digikey						
1x6 right angle header	FTDI UART Connector	https://www.digikey.com/product-detail/en/w%C3%BCrth-elektronik/61300611021/732-5339-ND48		Digikey						
USB Mini Jack	USB Mini Type B connector	https://www.digikey.com/product-detail/en/te-connectivity-amp-connectors/1734510-1/A107788-ND		Digikey						
DC Barrel Jack	Power Connector	https://www.digikey.com/product-detail/en/cui-devices/PJ-102AH/CP-102AH-ND/408448	J3,	Digikey						
Mini-DIN-6	Mini-DIN-6 Keyboard Connector	https://www.digikey.com/products/en?keywords=CP-2260-ND	34,	Digikey						
SJ1-3523N Audio Jack	Audio Jack, 3 Poles (Stereo / TRS)	https://www.digikey.com/product-detail/en/cui-devices/SJ1-3523N/CP1-3523N-ND/738689	J5,	Digikey						
6 pin AVR ISP	Atmel 6-pin ISP connector	https://www.digikey.com/products/en?keywords=609-3234-ND	36,	Digikey						
2x16 female header	Expansion Port	https://www.digikey.com/product-detail/en/sullins-connector-solutions/PPPC162LFBN-RC/S7119-N	J7.	Digikey						
1x12 female header	VIA Ports	https://www.digikev.com/product-detail/en/sullins-connector-solutions/PPPC121LFBN-RC/S7045-N		Digikey						
1x16 female header	LCD Connector	https://www.digikev.com/product-detail/en/sullins-connector-solutions/PPPC161LFBN-RC/S7049-N		Digikey						
2x 12 male pinr header	cut for 2 pin male headers	https://www.digikey.com/product-detail/en/amphenol-oc-fc/67997-112HLF/609-3227-ND/1878550		Digitey						
1 pin male header	cut for 1 pin male headers	https://www.digikey.com/product-detail/en/amphenol-icc-fci/68001-212HLF/609-3280-ND/1878537		Digikey						
3x7 male header	Combined for 7, 1x3 LCD jumpers	https://www.digikey.com/product-detail/en/samtec-ino/TSW-107-07-L-T/TSW-107-07-L-T-ND/7867		Digikey						
1M ohm	Resistor	https://www.digikey.com/product-detail/en/stackpole-electronics-ins/CF14JT1M00/CF14JT1M00CT		Digikey						
47k ohm	Resistor	https://www.digikey.com/product-detail/en/stackpole-electronics-inc/RC14JT47K0/RC14JT47K0CT-	R2,	Digikey						
10k ohm	Resistor	https://www.digikey.com/product-detail/en/stackpole-electronics-inc/CF14JT10K0/CF14JT10K0CT-	R3,	Digikey						
27 ohm	Resistor	https://www.digikev.com/product-detail/en/stackgole-electronics-inp/CF14JT27R0/CF14JT27R0/CF	R4. R5.	Digikey						
3.3k ohm	Resistor	https://www.dicikev.com/product-detail/en/stackpole-electronics-inc/CF14,IT3K30/CF14,IT3K30/CF		Digikey						
70 ohm	Resistor	https://www.digikey.com/product-detail/en/stackpole-electronics-inc/CF14JT270R/CF14JT270RCT-		Digikey						
lk ohm	Resistor	https://www.digikev.com/product-detail/en/stackpole-electronics-inc/CF14JT1K00/CF14JT1K00CT-		Digikey						
10k trimpot Piher_PT-6-V	Potentiometer	https://www.digikey.com/product-detail/en/amphenol-piher-sensing-systems/PT6MV-103A2020/195		Digikey						
Standard pushbutton 6mm	Push button switch	https://www.digikey.com/product-detail/en/te-connectivity-alcoswitch-switches/1825910-6/450-1650		Digikey						
74HC21	Dual 4-input AND	https://www.digikey.com/products/en7keywords=296-8266-5-ND	U1,	Digikey						
74HC00	quad 2-input NAND gate	https://www.digikey.com/products/en7keywords=296-1563-5-ND	U2,	Digikey						
74HC02	quad 2-input NOR gate	https://www.digikey.com/products/en?keywords=296-1564-5-ND	U3,	Digikey						
NE555	Precision Timers, DIP-8/SOIC-8	https://www.digikey.com/products/en?keywords=296-NE555P-ND	U4,	Digikey						
R6551	See Note Below:	https://www.jameco.com/shop/ProductDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&langid=-1&storeid=10001&productDisplay?catalogid=10001&productDisplay.catalogid=10001&productDisplay.catalogid=10001&productDisplay.catalogid=10001&productDisplay.catalogid=10001&productDisplay.catalogid=10001&productDisplay.catalogid=10001&productDisplay.catalogid=10001&productDisplay.catalogid=	US,	Jameco						
65C51N	See Note Below: (Out of stock?)	http://www.westerndesigncenter.com/wdc/w65c51n-chip.cfm	US.	WDC						
FT230XS	USB SERIAL BASIC UART	https://www.digikev.com/products/en7keywords=768-1135-1-ND	US.	Digikey						
15C02S	MPU 8-Bit 14MHz		U7.							
BC256 EEPROM			UF.	Jameco						
	EEPROM 256K (Get Extra to swap EEPROM)	https://www.digikey.com/products/en7keywords=AT28C256-15PU-ND		Digikey						
62256 RAM	SRAM 256K	https://www.digikey.com/products/en7keywords=1450-1480-ND	U9,	Digikey						
Ttiny4313-PU	MCU 8BIT 4KB	https://www.digikey.com/products/en7keywords=ATTINY4313-PU-ND	U10,	Digikey						
65C22S VIA	Versatile Interface Adapter	https://www.jameco.com/shop/ProductDisplay/productid=2143591	U11, U12, U13,	Jameco						
IN76489AN	Audi Chip	https://www.twistwristarcade.com/search?controller=search&orderby=position&orderway=desc&se	U14,	Twist Wrist Arcade						
MHz	XTAL OSC XO 1.0000MHZ	https://www.digikey.com/products/en7keywords=ECS-100AX-010	X1,	Digikey						
.8432 MHz	XTAL OSC XO 1.8432MHZ		X2,	Digikey						
MHz	TAL OSC XO 4.0000MHZ	https://www.dialikev.com/products/en?kevwords=ECS-100AX-040	X3.	Digikey						
IP 14 x7mm socket		https://www.dicikey.com/products/en/2keywords=110.44-314-41-001000	N3, U1-U3	Digitey						
XP 14 x/mm socket XP 8 x7mm socket			U1-U3							
		https://www.digikey.com/products/en7keywords=110-44-308-41-001000		Digikey						
DIP 16 x7mm socket		https://www.digikey.com/products/en7keywords=110-44-316-41-001000	U14,	Digikey						
NP 20 x7mm socket		https://www.digikey.com/products/en?keywords=110-44-320-41-001000	U10,	Digikey						
IP 28 x7mm socket	Get extra to swap EEPROM	https://www.digikey.com/products/en?keywords=110-44-628-41-001000	U8-U9	Digikey						
(P 40 x15mm socket		https://www.digikey.com/products/en?keywords=110-44-640-41-001000	U7, U11-U13	Digikey						
IP 14 x7mm Oscillator sockets		https://www.digikey.com/product-detail/en/aries-electronics/1107741/A462-ND/261894	X1, X2, X3	Digikey						
pin jumpers		https://www.digikey.com/product-detail/en/sullins-connector-solutions/SPC02SYAN/S9001-ND/763		Digikey						
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Notes: Como references	leted from the schematic and not added back									
Autes, ourse reserences were de	esed from the schematic and not added back									