



Title		
Size	Number	Revision
A4		
Date:	9/22/2023	Sheet of
File:	D:\projects\...\ControllerCR.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Screw Terminal Block 2pin		5V, 8V2	screw terminal block 2 pin	Screw Terminal Block 2pin	4
100nf	100nf/16V 0805 SMD Capacitor	C1, C2, C5	CAP_0805	C_0805_100nf	3
100uF/10V	CAP ALUM 100UF 20% 10V SMD	C3, C4, C8, C9, C10, C11, C12, C13	Cap Electrolytic Dip	Cap Electrolytic DIP	8
22pf	22pf/16V 0805 SMD Capacitor	C6, C7	CAP_0805	C_0805_22pf	2
SS54	Diode	D1, D2, D3, D5	DO-214AC	Diode_SMA	4
Blue SMD	LED SMD LED	D4	0603D BLUE	LED_0603	1
Screw Terminal Block 3pin		DATA, SIGNAL	screw terminal block 3 pin	Screw Terminal Block 3pin	2
DC 12V	DC Socket DIP 12V	DC 8v2	DC Socket 12V	DC_Socket 12V	1
HDR 2x3	CONN HEADER 6POS .100 STR 15AU	J?	HDR 2x3 2.54mm	67997-206HLF	1
Module	LM2596 Step Down Module	PWR MODULE	LM2596 Module	LM2596 Module	1
R_0805_10K	10K/1% 0805 SMD Resistor	R1	RES_0805	R_0805_10K	1
R_0805_1K	1K/1% 0805 SMD Resistor	R2	RES_0805	R_0805_1K	1
SMD	SMD PUSH Button	RST	SMD Tactile Switch	ButtonTACT	1
Regulator	Regulator 12 to 5V	T1, T2, T4, T6	7805 regulator	7805	4
Voice Module		U1	Voice Playback	Voice Module	1
Atmega328p	Atmega328P SMD 32Pin's	U2	TQFP_32	Atmega328p SMD	1
16Mhz	CRYSTAL 16Mhz SMD	Y1	Crystall	16Mhz	1