



Title		
Size	Number	Revision
A3		
Date:	2017/4/7	Sheet_ of
File:	C:\Users\AR\CTLV1.SCHDOC	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Header 2X2	Header, 2-Pin, Dual row	3V3_P	HDR2X2	Header 2X2	1
Header 3X2	Header, 3-Pin, Dual row	5V0_P, ICSP	HDR2X3	Header 3X2	2
Header3		10K	pot (长方形)	Header3	1
74HC126D		74HC126D	SOIC14	74HC126D	1
ATmega328P-AU	8-bit AVR Microcontroller, 32KB Flash, 1KB EEPROM, 2KB SRAM, 32-pin TQFP, Industrial Grade (-40癡 to 85癡)	ar1	MEGA328P	ATmega328P-AU	1
Cap	Capacitor	C6, C7, C10, C12, C13, C14, C31, C32, C33, C50, C51, C61, C121, C122, C123, C124	0603C	Cap	16
Cap_Pol		C11	cap_6.3_tie	Cap_Pol	1
Cap	Capacitor	C52	1206CT	Cap	1
Cap Pol1	Polarized Capacitor (Radial)	C470UF	CAP_10_TIE	Cap Pol1	1
Header 3	Header, 3-Pin	CG0, CG1, CG2, CG3, CG4, CG5, DJ0, DJ1, DJ2, DJ3, DJ4, DJ5, USBVCC	HDR1X3	Header 3	13
CH341		CH340	SOP16	CH341	1
Header 2	Header, 2-Pin	DV	HDR1X2	Header 2	1
Header 4	Header, 4-Pin	I2C, SER1B, SER2B	HDR1X4	Header 4	3
Inductor Iron Dot	Magnetic-Core Inductor with Winding Polarity Marking	L47uH5A	L_8x15	Inductor Iron Dot	1
SPX5205M5-L-3.3		LM3V3	spx520	SPX5205M5-L-5-0	1
Header 6	Header, 6-Pin	MD_JK	ph2.0-6p	Header 6	1
USB		MUSB	microMINIusb 2	USB	1
LED		NLED, PLED	0603L	LED	2
Speaker	Loudspeaker	P1	beep_9mm	Speaker	1
Header 2	Header, 2-Pin	PP	接线柱_2	Header 2	1
Res2	Resistor	PS0, PS1, PS2, PS3, PS4	0805R	Res2	5
Header 9	Header, 9-Pin	PS2-JK	PS2-JS	Header 9	1
Res2	Resistor	R1, R5, R6, R7, R8, R9, R11, R12, R31, R202	0603R	Res2	10
CON3		SER11, SER22	XH2.54-3P -WAN	CON3	2
SN74HC1G04DBV		SN1	spx520	SN74HC1G04DBV	1
SW-PB		SRST1	miniBUTTON	SW-PB	1
Diode	Default Diode	SS54	贴片_4007	Diode	1
Diode 1N4007	1 Amp General Purpose Rectifier	SS54_1	SS54	Diode 1N4007	1
SW-6A		SW	SW-6A	SW-6A	1
AMS1117		U5V0	sot-223	AMS1117	1
xl4015		xl	TO-263(S)	xl4015	1
xtal2		XT_12M, XT_16M	XTAL_3213	xtal2	2