

Parts List - RGB LCD Arduino Intervalometer - <http://thecustomgeek.com/2011/10/03/custom-arduino-intervalometer/>

	Board	Quantity	Value	Notes
ATmega328PU	IC1	1		28 Pin through hole
Cer Cap	C1 & C2	2	.22pF	Standard through hole ceramic capacitor
Cer Cap	C3	1	.1μF	Standard through hole ceramic capacitor
Cer Cap	C4 & C5	2	1μF	Standard through hole ceramic capacitor
Chg LED	CHG_LED	1		Any LED, best diffused
JST Connector	CN1	1		JST Connector for attaching Li-Po battery
PTC Fuse	F1	1	250mA	Resettable fuse, optional, but smart if you use a metal case
IR LED	IR_LED1 & IR_LED2	2		IR LED for camera trigger
Manual Input	JP1	1	2 pin	Manual input for a foot switch
FTDI Header	JP2	1	6 pin	FTDI header for charging/programming
RGB LCD 16X2	LCD1	1		RGB LCD Display from http://adafruit.com/products/399
Feedback LED	LED2 & LED3	2		Feedback LED's, one clear, one diffused (preference)
LED resistor	R1, R2, R3	3	470Ω	Calculate here: http://led.linear1.org/1led.wiz
Power Switch	S1	1	SPST	On/Off switch - toggle/slide
Menu Switches	S2, S3, S4, S5	4	Tactile	6mm tactile button
Manual Switch	S6	1	Tactile	6mm tactile button or smaller
LCD Contrast	U\$1	1	10KΩ	to adjust LCD contrast
Li-Po Charger	U2	1	MAX1555	MUST have to charge Li-Po
Crystal	Y1	1	16MHz	Runs the 328 at 16MHz