



Notes: .

- $0.022\mu F$ capacitor can be made from two $0.01\mu F$ capacitors in parallel
- Charge of C1 is Servo Pulse Width - determined by R1, R2, C1
- Discharge of C1 is time between pulses - determined by R3, C1
- 1M resistor results in 15ms pause between pulses; 10M is higher (less jitter, but also less responsive to quick changes)
- Capacitor on pin 5 provides stability (less drift)
- put CdS cell between R2 and Pin 7, or replace R1 for light control
- $100\mu F$ cap across power supply reduces circuit noise