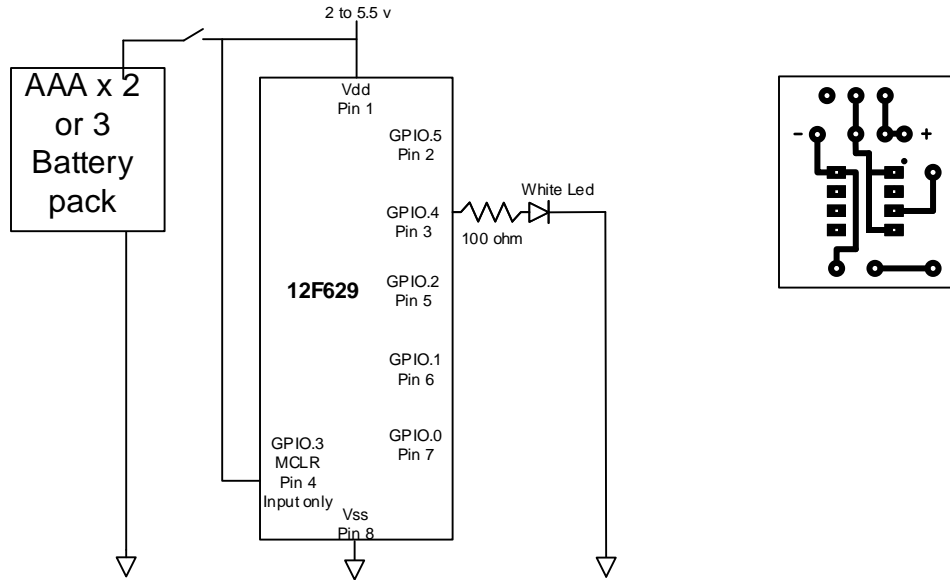
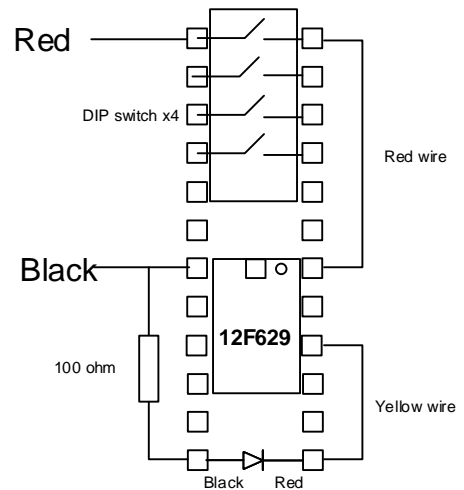
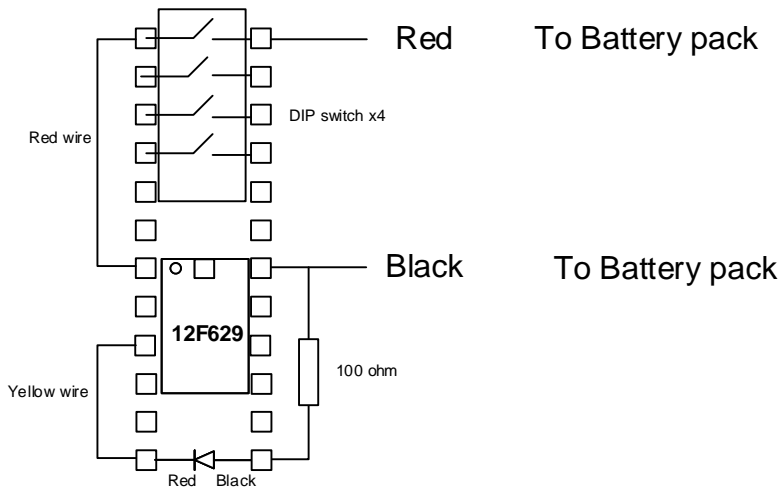


As the timing is not critical, running on internal RC Oscillator at about 4 Mhz. Set in Configuration bits and well as MCLR to external.



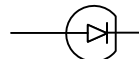
Building on a 24 pin IC socket, then taping to Battery pack. Top View

Building on a 24 pin IC socket, then taping to Battery pack. Bottom View (IC Socket Pins)



Date	Revision/Addition/ Note	By:
Sep 22 2016	Initial Drawing.	GSC
Sep 22 2016	Software MKstrobe.hex	GSC
Sep 22 2016	12F629 and 12F675 are pin for pin identical. 12F675 has the addition of 4 A/D channels. Used 12F629 for this design.	GSC
Sep 22 2016	Played with the strobe effect and settled on 5 flashes, .05 sec long, with a .05 second pause between flashes. Then pause two seconds.	GSC
Sep 22 2016	Used to mark path to VE session tonight. Liked result. Will have to solder LED to socket rather than plug into socket. Was a hard failure point in transporting. Had to reseat all three LED's on prototypes at session.	GSC
Mar 18 2019	Changed the program to flash "VE" in morse. VEstrobe2.hex	GSC
Mar 18 2019	Newer 12F629 IC's don't like MCLR tied to internal +V. They go intermittent. Had to take pin 4 to +V and change configuration bits.	GSC
Mar 18 2019	Added the start of a PCB for this project.	

Anode (+) Long Leg
Cathode(-) Short Leg Flat side of package



Drawn By: Gerald Crenshaw WD4BIS	Date: Sep 22 2016	From the bench of: Amateur Radio Station WD4BIS	Page 1
Designed By: Gerald Crenshaw WD4BIS	Date: Sep 22 2016		of 1
Checked By: Janet Crenshaw WB9ZPH	Date: Sep 22 2016	Title: Marker Beacon Strobe	Scale: None