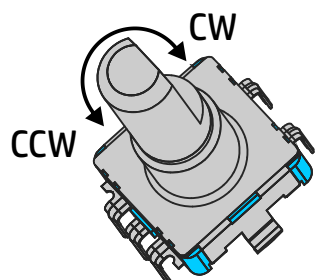
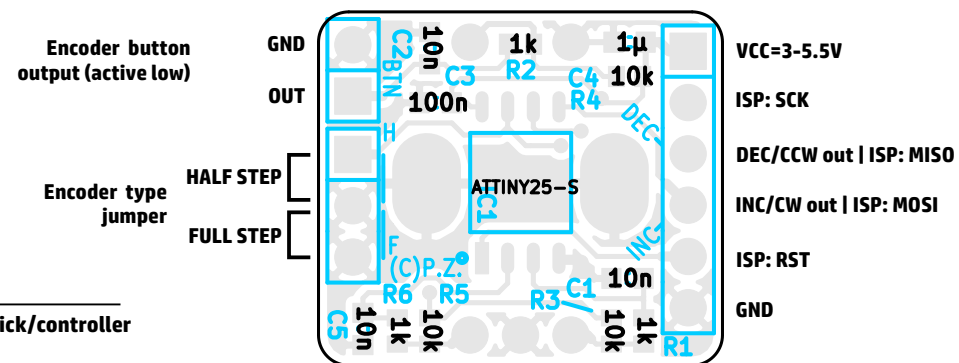


Id	Designator	Package	Quantity	Designation
1	IC1	SOIC8wide	1	ATTINY25-Soic8 Wide
2	C1,C2,C5	0603	3	10n/16V
3	C3	0603	1	100n
4	C4	0603	1	1μ
5	ENC1	11mm Vertical	1	11mm vertical rotary encoder (see the list)
6	R1,R2,R6	0603	3	1k
7	R3,R4,R5	0603	3	10k
8	P1	1x6_254	1	Pin header 1x6 RM2.54
9	P2	1x3_254	1	Pin header 1x3 RM2.54
10	P3	1x2_254	1	Pin header 1x2 RM2.54
11	PCB		1	<a href="https://www.oshpark.com/shared_projects/oFZJGAvs">https://www.oshpark.com/shared_projects/oFZJGAvs</a>

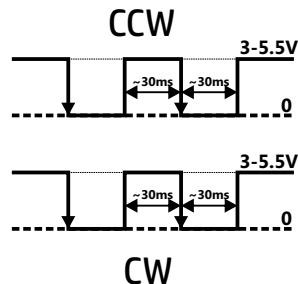
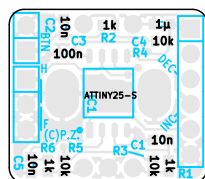
Compatible rotary encoder types:

- ALPS EC11 series, vertical mount
- BOURNS PEC11L-4xxx F Sxxxx ie. PEC11L-4120FS0020
- BOURNS PEC11L-4xxx F Nxxxx
- various 11mm encoder clones

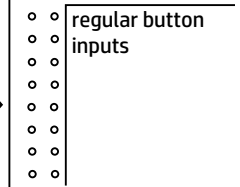
#### PCB bottom layer view



#### Filter/debounce step count buffer



#### USB joystick/controller



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Sheet: /  
File: Encoder2Btn.sch

#### Title: Enc2Btn converter

Size: A4 Date: 2016-09-01  
KiCad E.D.A. kicad 4.0.3-stable

Rev: 1.0  
Id: 1/1