VCC

SW1
RotaryEncoder

R1
10K

R2
10K

A
C
B

A

B

C1
100n

C2
100n

GND

VCC

R3
2K2

R4
15K

D1
Red

D2
Green

P3.6

P3.7

Counter	Encoder A	Encoder B	Pin switch
A	PWM1P = P1.0	PWM2P = P1.2	0
B	PWM5 = P1.7	PWM6 = P5.4	1

Note: on the STC8H4 and STC8H8, PWM2P is on P5.4
instead of P1.2.

Sheet: /
File: rotary-encoder.kicad_sch
Title: STC8H rotary encoder demo
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