

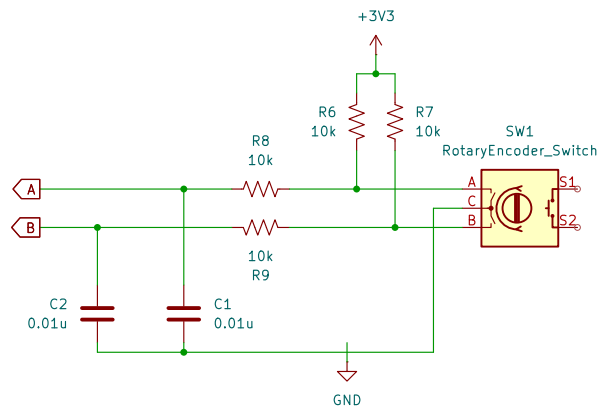
Step 1  
Control and monitor speed  
with USB commands

Step 0  
write code to accept serial (USB) text commands  
parse the commands  
and output data over serial (USB)

Step 3  
Incorporate display

Step 4  
Incorporate temperature sensor

Step 5  
Layout PCB with  
12V to 5V regulator



Step 2  
Implement rotary encoder  
for speed control

Sheet: /		
File: 4WireFanController.kicad_sch		
<b>Title: 4-Wire Fan Controller</b>		
Size: A4	Date: 2026-01-19	Rev: 1
KiCad E.D.A. 9.0.7	Id: 1/1	