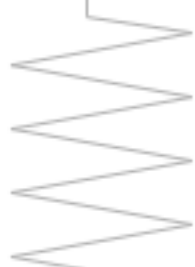


5V 

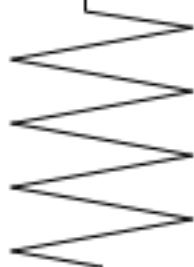
$R_{ref}$



Open switch  
to disable  
pull-up



$C_{sense}$



Open switch  
to disconnect  
ground

