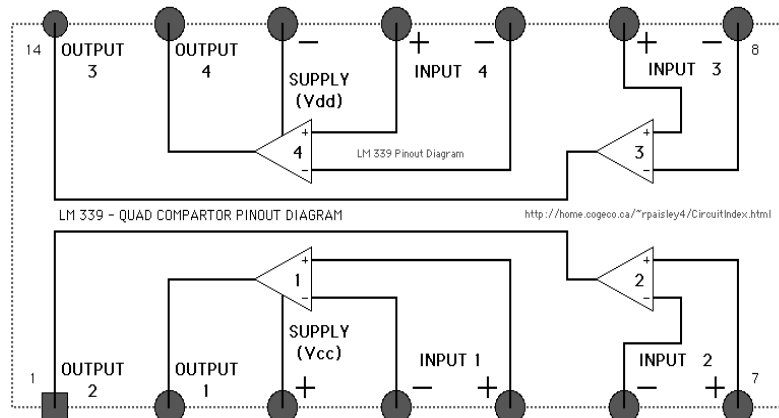


R1  
 R2 LDR's  
 R3  
 R4 Calibrate LDR  
 R6 Set window  
 Ra  
 Rb Pull up R's

Ca is low when  $V_{sig} > V_{ref1}$  (R1 darker)

Cb is low when  $V_{sig} < V_{ref2}$  (R2 darker)



LM339 Quad Comparator (output is open collector )