

Upper threshold	v1 =	0.606	Volt	R3 =	100	Vol =	0	Volt
\$\$\$\$				R2 =	1			
					k			
Lower threshold	v2 =	0.546	Volt			Voh =	6	Volt
****						(Op Amp output voltages)		
	Pot maximum		0.756	Volt				
	Pot minimum		0.504	Volt		Supply voltage	6.8	Volt
						R4 =	12	k
						R5 =	1	k
			Volt					

Set P1 for about 0.6 Volt at the -ve input of the Op Amp.

\$\$\$\$ The LED will turn on when the current through R1 rises to about 6.06 Amp

**** The LED will turn off when the current through R1 falls to about 5.46 Amp