

EEE3099S: Group 7

Milestone 1: BOM and Circuit Diagrams

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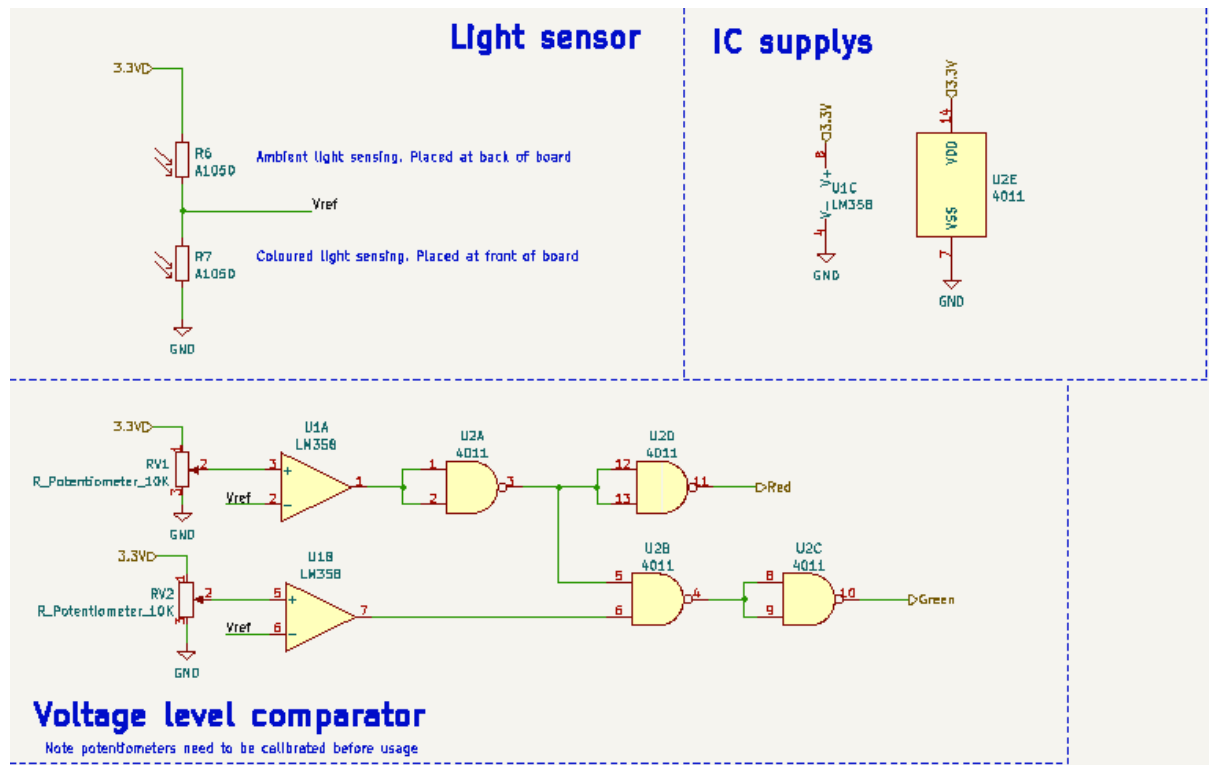
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Bill of Materials

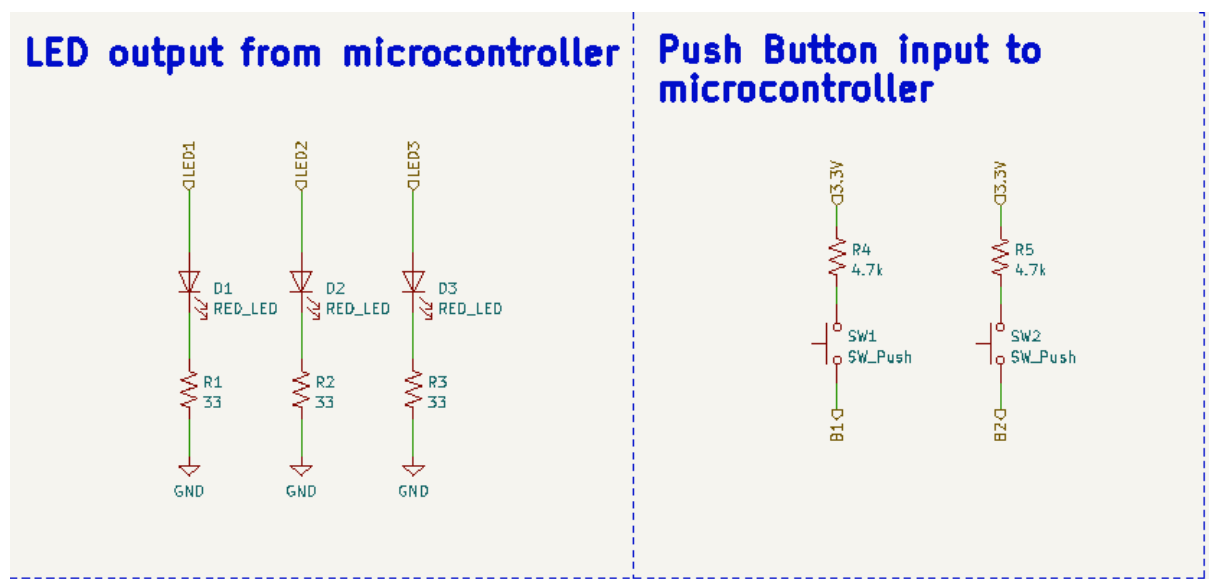
Reference	Component	Quantity
C2	10u	1
C1	220u	1
R1,R2,R3	33	3
R9	240	1
R8	390	1
R4, R5	4.7k	2
R6, R7	LDR	2
U2	CD4011	1
U1	LM358	1
U3	LM317	1
RV1, RV2	Potentiometer_10K	2
D1,D2,D3	RED_LED	3
SW1, SW2	Push_Button	2
-	Veroboard	1

Circuit Diagrams

Light Sensing Circuitry



Communication Circuitry



Voltage Regulator

