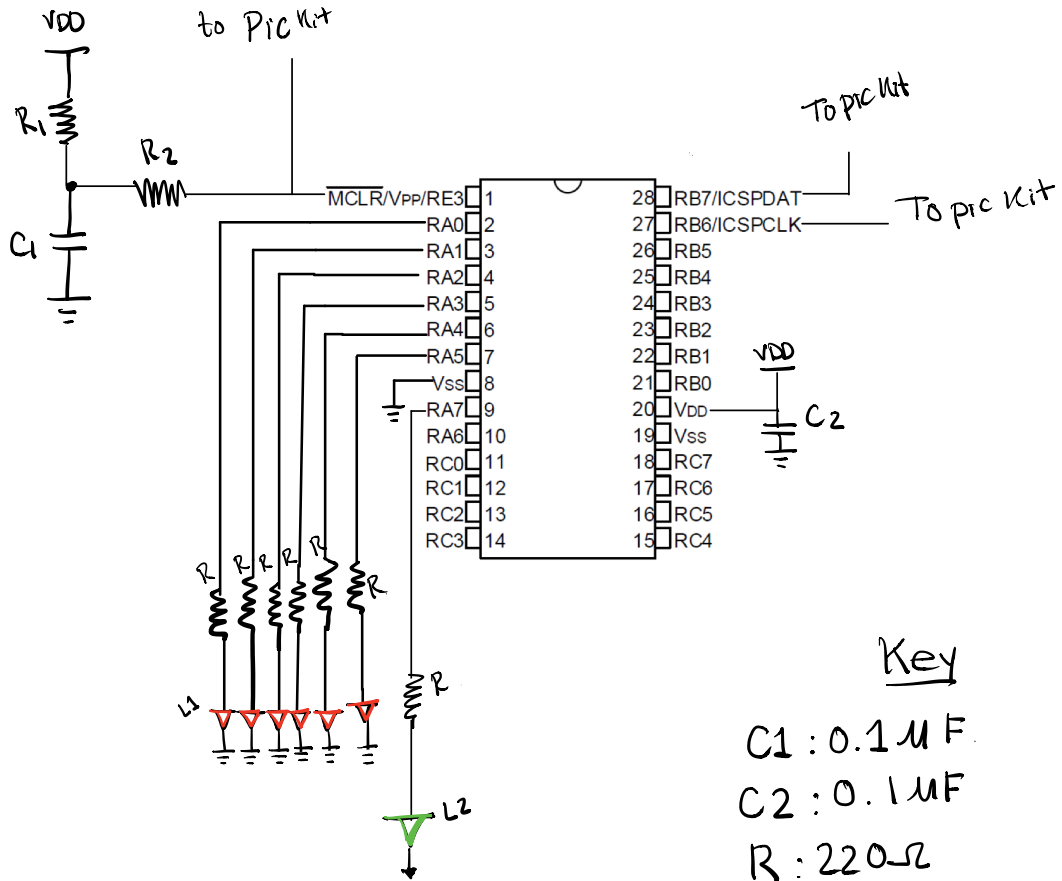


Pic Activity 3

Circuit Schematic

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30087167



Key

 $C_1: 0.1 \mu F$

$C_2 : 0.1 \mu F$

$R: 220\Omega$

$$R_1 = 10 \text{ k}\Omega$$
$$R_2: 100 \Omega$$

L1: Red Led

L2: Green led

Pseudo Code for Pic Activity 3

Initialization

- Configure TRISA to all outputs
- Configure ANSELA to digital
- Configure LATA to all off (except RA7)

While(1)

- { - a static counter to starting position of all zeros (except bit RA7)
- Check if counter is all one's (all bits on)
 - ↳ If counter is all one's, set counter back to starting position
- Increment counter by one
- Configure LATA to counter
- delay about 250 ms

}