



Key:

C1: 0.1 μ F, 20V ceramic (recommended)

C2: 0.1 μ F, 20V ceramic (required)

R1: 10 k Ω (recommended)

R2: 100 Ω - 470 Ω (recommended)

R3: 100 Ω - 470 Ω (required)

Initialization (only runs once when the code starts)

- configure TRISA, ANSEA and LATA registers
- configure RA7 pin to high

while (1) {

- create counter
- use bitwise AND to toggle the corresponding pins to go high

}