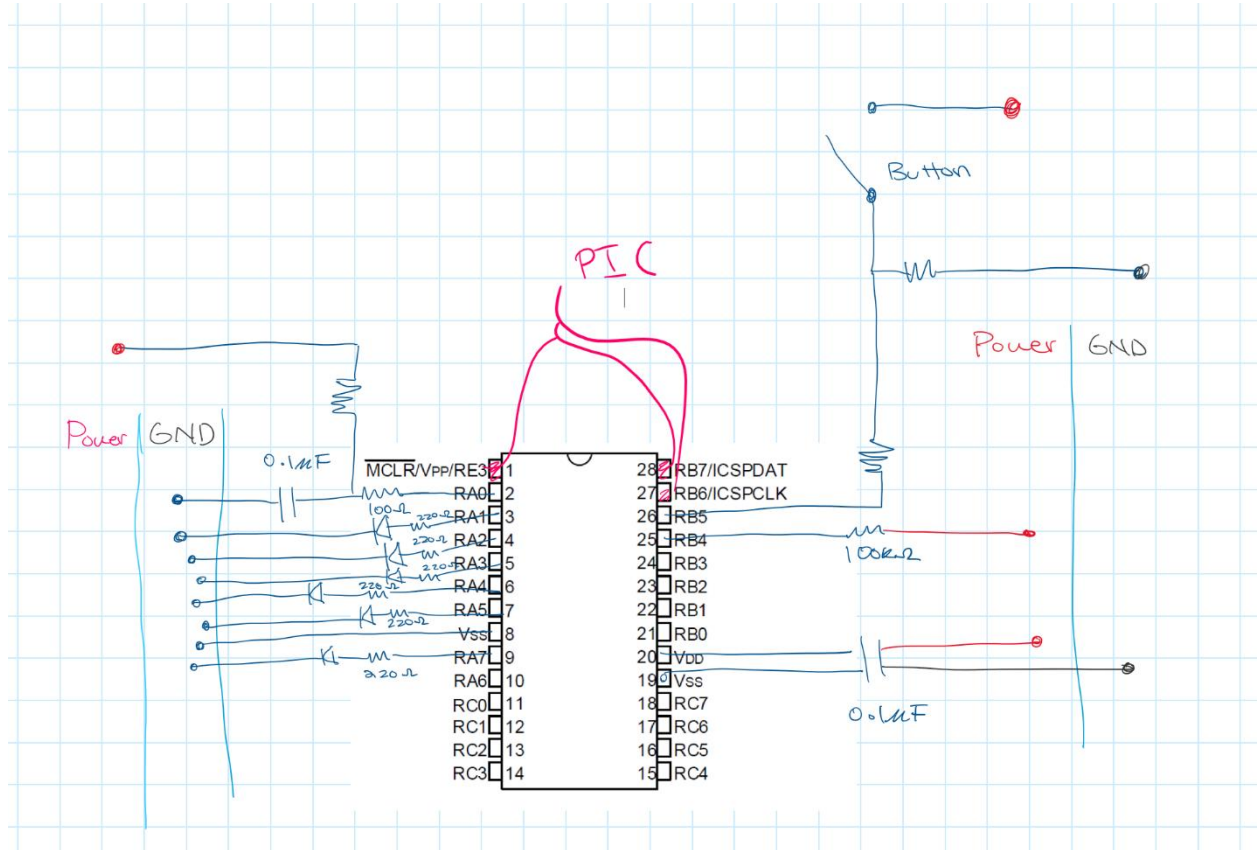


Netra Patel

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## Flow chart 1:

Initialize:

TRISA = 0x00

ANSELA = 0x00

LATA = 0x80

ANSELB = 0x00

TRISB = 0xFF

Static u32 u32Counter = 0;

if (RBS = 1)

Yes

LATA++

No



Do nothing

## Flow chart 2:

Initialize:

TRISA = 0x00

ANSELA = 0x00

LATA = 0x80

ANSELB = 0x00

TRISB = 0xFF

{

static u32 u32 Previous;

u32 Current Something to bitmask inputs



if (Current != Previous)

{

LATA++

}

u32 Previous = u32 Current;

}