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\* SWITCHSERVO.c

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\* Author : ramsr

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#include <avr/io.h>

#define *F\_CPU* 16000000UL

#include <util//delay.h>

int main(void)

{

TCCR1A|=(1<<COM1A1)|(1<<COM1B1)|(1<<WGM11);

TCCR1B|=(1<<WGM13)|(1<<WGM12)|(1<<CS11)|(1<<CS10);

ICR1=4999;

DDRD|=(1<<PD5);

DDRB=0X00;

while (1)

{ if ((PINB&(1<<PB0))==0)

{

OCR1A=97;

*\_delay\_ms*(1000);

DDRB=0X00;

}

if ((PINB&(1<<PB1))==0)

{ OCR1A=280;

*\_delay\_ms*(1000);

DDRB=0X00;}

if ((PINB&(1<<PB2))==0)

{OCR1A=535;

*\_delay\_ms*(1000);

DDRB=0X00;

}

}

}