

**UNIVERSITI
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The National Energy University

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STUDENT ID: DE96562

SUBJECT: EEED253 (INTRODUCTION TO MICROCONTROLLER)

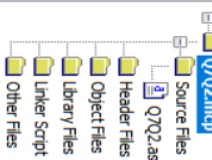
SECTION: 01T

LECTURE NAME: DICKSON NEOH TZE HOW, MR.

TITTLE: QUIZ 7 POLLING

Checksum: 0x6dad

Debug



Output

Build Version Control Find in Files

Clean: Deleted file "H:\Introduction to Microcontroller\QUIZquiz 7\Q7Q2.mcw".

Clean: Done.

Executing "C:\Program Files (x86)\Microchip\MPASM Suite\MPASMWIN.exe" /q /p18f4550 "Q7Q2.asm" /e"Q7Q2.erf" /d __DEBUG=1

Executing "C:\Program Files (x86)\Microchip\MPASM Suite\mplink.exe" /p18f4550 "Q7Q2.o" /u __DEBUG /z __MPLAB_BUILD=1 /o"Q7MPLINK 4.49, linker

Device Database Version 1.14

Copyright (c) 1998-2011 Microchip Technology Inc.

Errors : 0

Loaded H:\Introduction to Microcontroller\QUIZquiz 7\Q7Q2.cof.

Debug build of project "H:\Introduction to Microcontroller\QUIZquiz 7\Q7Q2.mcw" succeeded.

Language tool versions: MPASMWIN.exe v5.51, mplink.exe v4.49, mpinfo.exe v4.49

Preprocessor symbol __DEBUG is defined.

Wed Nov 11 14:54:2020

BUILD SUCCEEDED

H:\Introduction to Microcontroller\QUIZquiz 7\Q7Q2.asm

#include "p18f4550.inc"

```
org 0x00
goto start
org 0x08
retfile
org 0x18
retfile
```

```
;*****
;MAIN PROGRAM
;*****
```

```
configure      setf TRISB,A
                clrf TRISD,A
                clrf PORTE,A
                clrf PORTD,A
```

```
on_led bsf PORTD,0,A
        bra check1
```

```
on_led1 bsf PORTD,1,A
        bra check
```

```
;*****
```

```
start      call configure
```

```
check      btfs PORTB,0,A
```

```
            bra on_led
```

```
            bcf PORTD,0,A
```

```
            bra check1
```

```
check1     btfs PORTB,1,A
```

```
            bra on_led1
```

```
            bcf PORTD,1,A
```

```
            bra check
```

```
end
```

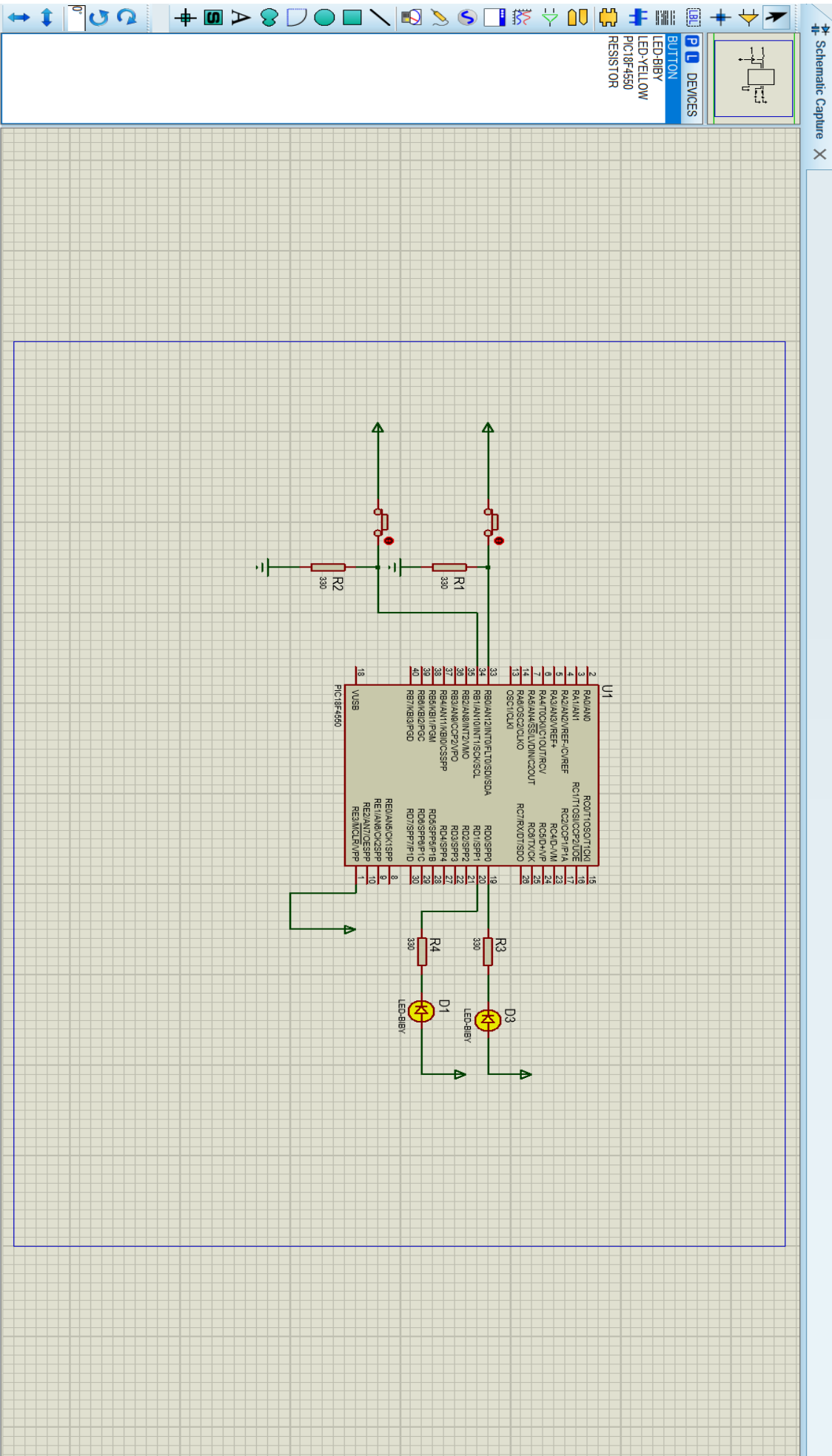
PIC18F4550

W:0

n o v z d c

bank 0

WR



```
#include<p18f4550.inc>
```

```
org    0x00
```

```
goto   start
```

```
org    0x08
```

```
retfie
```

```
org    0x18
```

```
retfie
```

```
*****
```

```
;MAIN PROGRAM
```

```
*****
```

```
configure    setf TRISB,A
```

```
              clrf TRISD,A
```

```
              clrf PORTB,A
```

```
              clrf PORTD,A
```

```
on_led bsf    PORTD,0,A
```

```
              bra check1
```

```
on_led1      bsf PORTD,1,A
```

```
              bra check
```

```
*****
```

```
start    call configure
```

```
check    btfss PORTB,0,A
```

```
bra      on_led  
bcf      PORTD,0,A  
bra      check1
```

```
check1 btfss PORTB,1,A  
bra      on_led1  
bcf      PORTD,1,A  
bra      check  
end
```