

\$regfile = "m8def.dat"
\$crystal = 1000000

'wersja bez led dla rc5 i sk18 i lcd

\$hwstack = 32
\$swstack = 16
\$framesize = 40

Config Lcd = 16 * 2
Config Lcdpin = Pin , Db4 = Portc.3 , Db5 = Portc.2 , Db6 = Portc.1 , Db7 = Portc.0 , E = Portc.4 , Rs = Portc.5
'konf LCD

Config Pinb.1 = Input 'wej serwo 1
Config Pinb.2 = Input 's2
Config Pinb.3 = Input 's3
Config Pinb.4 = Input 's4
Config Pinb.5 = Input 's5

Config Portd.0 = Output 'd1,d2-s1 ; d3,d4-s2 ; b6,b7-s3 ;d5,d6-s4 ; d7,b0-s5
Config Portd.1 = Output
Config Portd.2 = Input
Config Portd.3 = Output
Config Portd.4 = Output
Config Portd.5 = Output
Config Portd.6 = Output
Config Portd.7 = Output
Config Portb.0 = Output 's5 p5
Config Portb.6 = Output 's3 l3
Config Portb.7 = Output 's3 p3

Config Rc5 = Pind.2 'ir

L1 Alias Portd.1 'w lewo silnik 1
P1 Alias Portd.0 'w prawo silnik 1
L2 Alias Portd.3 '
P2 Alias Portd.4 '
L3 Alias Portb.6 '
P3 Alias Portb.7 '
L4 Alias Portd.5 '
P4 Alias Portd.6 '
L5 Alias Portd.7 '
P5 Alias Portb.0 '
Ir Alias Command

Dim S1 As Word
Dim S2 As Word
Dim S3 As Word
Dim S4 As Word
Dim S5 As Word

Dim Address As Byte , Command As Byte 'ir

Reset Portd.1 ' reset zapala led
Reset Portd.0
Reset Portd.3 'zerowanie portów
Reset Portd.4
Reset Portb.6
Reset Portb.7

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Reset Portd.5          'led zielona G
Reset Portd.6
Reset Portd.7
Reset Portd.0

Enable Interrupts     'ir

Do

Getrc5(address , Command)      'ir
Command = Command And &B01111111      ' ir

Pulsein S1 , Pinb , 1 , 1      'palce silnik 1 warunki
                                '14 palce /b-n//ż-czr/
If Ir = 5 Then                  'warunki ir5 dla silnika 1
  S1 = 60                       'zamknięcie
Elseif Ir = 1 Then
  S1 = 100                       'otwarcie
End If

Select Case S1
  Case 31 To 70:
    Reset L1                      'otwarcie
    Case Is > 88 :                 'zamknięcie
    Reset P1
    Case Else :
      Set L1                       ' martwy
      Set P1
    End Select

Pulsein S2 , Pinb , 2 , 1      '15 nadgarstek /b-p//n-czr/
                                '6 w dół B
If Ir = 6 Then
  S2 = 60
Elseif Ir = 2 Then
  S2 = 100                       '2 w górę G
End If

Select Case S2
  Case 31 To 70:
    Reset P2                      'w górę
    Set L2
    Case Is > 88:
      Set P2                      ' w dół
      Reset L2
    Case Else :
      Set L2                       ' martwy
      Set P2
    End Select

Pulsein S3 , Pinb , 3 , 1      '16 łokieć /b-z//n-czr/

If Ir = 7 Then                  '7 w dół N
  S3 = 60
Elseif Ir = 3 Then
  S3 = 100                       '3 w górę H
End If

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Select Case S3
Case 31 To 70:
Reset L3          'w górę H
Set P3
Case Is > 88 :
Set L3           'w dół N
Reset P3
Case Else :
Set L3           '
Set P3           '
End Select

Pulsein S4 , Pinb , 4 , 1          '17 Bark /b-br//p-czr/

If Ir = 8 Then          '8 w dół M
S4 = 60
Elseif Ir = 4 Then     '4 w górę J
S4 = 100
End If

Select Case S4
Case 31 To 70:
Reset P4           '
Set L4            '
Case Is > 88 :
Set P4            '
Reset L4
Case Else :
Set L4            '
Set P4            '
End Select

Pulsein S5 , Pinb , 5 , 1          '18 podstawa /b-n//p-czr/

If Ir = 0 Then          ' 0 w prawo ,
S5 = 60
Elseif Ir = 9 Then     ' 9 w lewo k
S5 = 100
End If

Select Case S5
Case 31 To 70:
Reset L5
Set P5
Case Is > 88 :
Set L5           '
Reset P5
Case Else :
Set L5           '
Set P5           '
End Select

Cursor Off Noblink
Cls
Lcd S1 ; " " ; S2 ; " " ; S3 ; " " ; S4 ; " " ; S5 ; " " 'wyświetla ilość impulsów wysyłanych do serwa przy 1Mhz
Lowerline          'zakres;dla 1ms 31 impulsów
                  'dla 2ms 125 imp.'neutrum /1,5ms/ dla 78 imp
                  'zakres działania silnika L<70 i P>88 ,71-87 martwy
Lcd "adr:" ; Address ; " kom:" ; Command          'wyświetla IR5: adr-urządzenie tu 255
                  'kom-numer komędy np 1,5 itd.

Loop
End

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