```
'*****************************************************************************
'***  Schalter für die FLYSKY TS-i6s 2,4 GHz mit einem ATMEGA 8  ***
'Die Fernsteuerung hat :
'Kanal1 - 5: Servo / Fahrtregler / Reserve
'Kanal6: 4x Doppeltaster mit einer Widerstandsbrücke ( 8x 620 Ohm ) verbaut.
'Kanal7 - 10: 4x 3Stellung Schalter ( max. 8 / 12  Funktionen ).
'5x PORT IN , 16x PORT OUT
'Am den PORTD.1 - D.5 gebe ich die Empfängersignale ein und erhalte Datenwerte von 100 - 200
'je nach Länge des Signales ( 1-2 µS ). Diese Zahlenwerte lasse ich dann durch diverse IF THEN -
'Schleifen laufen und taste / schalte damit 16 Ausgänge ( z.Z. LEDs ).
'
'Programm fuer einen ATMega8 in Verbindung mit :  FLYSKY TS-i6s
'*****************************************************************************
 $regfile = "m8def.dat"
'Taktfrequenz 8MHz       -     FUSE-BITS entsprechend gesetzt
 $crystal = 8000000                                  'Interner Quarz
 'SPIEN , BOOTSZ1 , SUT0 , CKSEL3 , CKSEL1 , CKSEL0

   Led1 Alias Portc.5
   Led2 Alias Portc.4
   Led3 Alias Portc.3
   Led4 Alias Portc.2
   Led5 Alias Portc.1
   Led6 Alias Portc.0
   Led7 Alias Portb.5
   Led8 Alias Portb.4
   Led9 Alias Portb.3
   Led10 Alias Portb.2
   Led11 Alias Portb.1
   Led12 Alias Portb.0
   Led13 Alias Portd.7
   Led14 Alias Portb.6
   Led15 Alias Portb.7
   Led16 Alias Portd.6

   Puls1 Alias Pind.1
   Pulsport1 Alias Portd.1
   Puls2 Alias Pind.2
   Pulsport2 Alias Portd.2
   Puls3 Alias Pind.3
   Pulsport3 Alias Portd.3
   Puls4 Alias Pind.4
   Pulsport4 Alias Portd.4
   Puls5 Alias Pind.5
   Pulsport5 Alias Portd.5


 Dim Mess1 As Byte
 Dim Mess2 As Byte
 Dim Mess3 As Byte
 Dim Mess4 As Byte
 Dim Mess5 As Byte
```

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'************************************
'********* Port-Konfiguration *********
'************************************

 Config Led1 = Output
 ....

 Config Led16 = Output

 Config Pulsport1 = Input
 Config Pulsport2 = Input
 Config Pulsport3 = Input
 Config Pulsport4 = Input
 Config Pulsport5 = Input

 Reset Led1
....

 Reset Led16

***  Programm Start ***
Do
'***  Mess1 - 4x Doppeltaster ***
     Pulsein Mess1 , Pind , 1 , 1
     If Mess1 > 100 And Mess1 < 108 Then
       Waitms 5
       Led1 = 1
     Else
       Led1 = 0
     End If
     If Mess1 > 110 And Mess1 < 120 Then
       Waitms 5
       Led2 = 1
     Else
       Led2 = 0
     End If
     If Mess1 > 124 And Mess1 < 135 Then
       Waitms 5
       Led3 = 1
     Else
       Led3 = 0
     End If
     If Mess1 > 137 And Mess1 < 145 Then
       Waitms 5
       Led4 = 1
     Else
       Led4 = 0
     End If
     If Mess1 > 158 And Mess1 < 168 Then
     Waitms 5
       Led5 = 1
      Else
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      Led5 = 0
    End If
    If Mess1 > 170 And Mess1 < 182 Then
      Waitms 5
      Led6 = 1
     Else
      Led6 = 0
    End If
    If Mess1 > 185 And Mess1 < 195 Then
      Waitms 5
      Led7 = 1
     Else
      Led7 = 0
    End If
    If Mess1 > 195 Then
      Waitms 5
      Led8 = 1
     Else
      Led8 = 0
    End If

'***   Schalter A  ***
    Pulsein Mess2 , Pind , 2 , 1
    If Mess2 > 95 And Mess2 < 140 Then
      Led9 = 0
      Led10 = 0
    End If
    If Mess2 > 145 And Mess2 < 157 Then
      Led9 = 1
      Led10 = 0
    End If
    If Mess2 > 158 And Mess2 < 210 Then
      Led9 = 1
      Led10 = 1
    End If

'***  Schalter B  ***
    Pulsein Mess3 , Pind , 3 , 1
    If Mess3 > 95 And Mess3 < 140 Then
      Led11 = 0
      Led12 = 0
    End If
    If Mess3 > 145 And Mess3 < 157 Then
      Led11 = 1
      Led12 = 0
    End If
    If Mess3 > 158 And Mess3 < 210 Then
      Led11 = 1
      Led12 = 1
    End If

'***  Schalter C  ***
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```
    Pulsein Mess4 , Pind , 4 , 1
    If Mess4 > 95 And Mess4 < 140 Then
      Led13 = 0
      Led14 = 0
    End If
    If Mess4 > 145 And Mess4 < 157 Then
      Led13 = 1
      Led14 = 0
    End If
    If Mess4 > 158 And Mess4 < 210 Then
      Led13 = 1
      Led14 = 1
    End If

'***  Schalter D  ***
    Pulsein Mess5 , Pind , 5 , 1
    If Mess5 > 95 And Mess5 < 140 Then
      Led15 = 0
      Led16 = 0
    End If
    If Mess5 > 145 And Mess5 < 157 Then
      Led15 = 1
      Led16 = 0
    End If
    If Mess5 > 158 And Mess5 < 210 Then
      Led15 = 0
      Led16 = 1
    End If
Loop

'Programmende
End
```