

## LISTING PROGRAM REMOTE.BAS

```
$regfile = "m8535.dat"
$crystal = 8000000

Portd = 0

Config Portd = Output
Remote_down Alias Portd.0
Remote_up Alias Portd.1

Config Adc = Single , Prescaler = Auto
Start Adc

Cls

Config Lcd = 16 * 2

Config Lcdpin = Pin , Db4 = Portb.3 , Db5 = Portb.2 , Db6 =
Portb.1 , Db7 = Portb.0 , E = Portb.4 , Rs = Portb.5

Dim Volume_up As Word , Volume_down As Word , Sen_sound As Word

Cls

Cursor Off

Locate 1 , 1

Lcd "RM.CHAIRIL ANDRI"

Waitms 200

Cls

Locate 1 , 2

Lcd "SELAMAT DATANG"

Locate 2 , 1

Lcd "POLSRI PALEMBANG"
```

```

Waitms 300

Cls

Do

Sen_sound = Getadc(0)
Locate 2 , 1
Lcd "NILAI ADC:" ; Sen_sound
Volume_up = Getadc(1)
Volume_down = Getadc(2)

If Sen_sound > 100 And Sen_sound < 500 Then
Remote_down = 1
Waitms 50
Remote_down = 0
End If

If Sen_sound > 0 And Sen_sound < 2 Then
Remote_up = 1
Waitms 50
Remote_up = 0
End If

If Volume_up > 200 And Volume_down < 200 Then
Locate 1 , 11
Lcd " "
Locate 1 , 2
Lcd "VOLUME UP"
Remote_up = 1
End If

```

```
If Volume_down > 200 And Volume_up < 200 Then
Locate 1 , 2
Lcd "VOLUME DOWN"
Remote_down = 1
End If
```

```
If Volume_up < 200 And Volume_down < 200 Then
Locate 1 , 12
Lcd " "
Locate 1 , 2
Lcd "VOLUME OFF"
Remote_up = 0
Remote_down = 0
End If
Loop
```