

Lampiran

\$regfile = "m32def.dat"

\$crystal = 111059200

\$baud = 9600

Config Porta = Output

Dim A As Integer

Config Lcdpin = Pin , Rs = Portb.0 , E = Portb.1 , Db4 = Portb.2

Config Lcdpin = Pin , Db5 = Portb.3 , Db6 = Portb.4 , Db7 = Portb.5

Config Lcd = 16 * 2

Dim Data_masuk As String * 100

Dim Cmti_pos As Byte , Cmgr_pos As Byte , Index_pos As Byte ,
Cmd_pos As Byte

Dim Pjg_sms_index As Byte , Pjg_data As Byte

Dim Cmdbin As Byte

Cursor Off

Cls

Upperline

Lcd "MOTOR DENGAN"

Lowerline

Lcd "FINGERPRINT"

Wait 3

Ddrd.6 = 1

Ddrd.7 = 1

Cls

Cursor Off

Do

Input Data_masuk

Upperline

Lcd "DATA MASUK"

Pjg_data = Len(data_masuk)

Cmti_pos = Instr(data_masuk , "ID")

Cmd_pos = Instr(data_masuk , "#")

If Cmd_pos <> 2 Then

Incr Cmd_pos

Cmd = Mid(data_masuk , Cmd_pos , 1)

Lowerline

Lcd "ID = " ; Cmd

If Cmd = "8" Then

Lowerline

Lcd "SIDIK JARI BENAR"

Do

Porta = &B00000001

Waitms 10

Porta = &B00000010

Waitms 10

Porta = &B00000100

Waitms 10

Porta = &B00001000

Waitms 10

Porta = &B00010000

Waitms 10

Loop

Else

Cls

Upperline

Lcd "DATA MASUK"

Lowerline

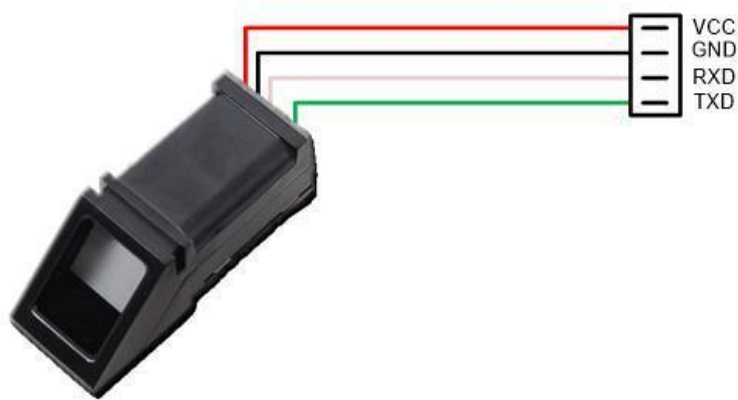
Lcd "SIDIK JARI SALAH"

End If

End If

Loop

Sensor *Fingerprint*



This is a figure print sensor module with TTL UART interface for direct connections to microcontroller UART or to PC through MAX232 / USB-Serial adapter. The user can store the finger print data in the module and can configure it in 1:1 or 1: N mode for identifying the person. The FP module can directly interface with 3v3 or 5v Microcontroller. A level converter (like MAX232) is required for interfacing with PC serial port.

Optical biometric fingerprint reader with great features and can be embedded into a variety of end products, such as: access control, attendance, safety deposit box, car door locks

Features

- Integrated image collecting and algorithm chip together, ALL-in-One
- Fingerprint reader can conduct secondary development, can be embedded into a variety of end products
- Low power consumption, low cost, small size, excellent performance
- Professional optical technology, precise module manufacturing techniques
- Good image processing capabilities, can successfully capture image up to resolution 500 dpi

Specifications

- Fingerprint sensor type: Optical

- Sensor Life: 100 million times
- Static indicators: 15KV Backlight: bright green
- Interface: USB1.1/UART(TTL logical level)
- RS232 communication baud rate: 4800BPS~115200BPS changeable
- Dimension: 55*32*21.5mm
- Image Capture Surface 15—18(mm)
- Verification Speed: 0.3 sec
- Scanning Speed: 0.5 sec
- Character file size: 256 bytes
- Template size: 512 bytes
- Storage capacity: 250
- Security level: 5 (1,2,3,4,5(highest))
- False Acceptance Rate (FAR) :0.0001%
- False Rejection Rate (FRR): 0.1%
- Resolution 500 DPI
- Voltage :3.6-6.0 VDC
- Working current: Typical 90 mA, Peak 150mA
- Matching Method: 1: N
- Operating Environment Temperature: -20 to 45° centigrades