

DAFTAR PUSTAKA

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- [5] http://en.wikipedia.org/wiki/Data_logger diakses tanggal 26 Desember 2012.s
- [6] <http://office.microsoft.com/en-us/excel-help/import-or-export-text-txt-or-csv-files-HP010099725.aspx> diakses tanggal 26 Desember 2012.
- [7] *Manual EMS SD MMC FRAM* Artikel [http:// Innovative-electronic.com](http://Innovative-electronic.com) diakses tanggal 26 November 2012.
- [8] Data Sheet SRF04.
- [9] Data Sheet ATmega32.
- [10] Data Sheet 1307.

```
/******
```

```
Chip type           : ATmega8535
Program type        : Application
AVR Core Clock frequency: 4.000 MHz
Memory model        : Small
External RAM size   : 0
Data Stack size     : 128
```

```
*****/
```

```
#include <mega32.h>
#include <ff.h>
#include <sdcard.h>
#include <delay.h>
#include <stdio.h>
#include <alcd.h>
#include <i2c.h>
#include <ds1307.h>
```

```
void init_pencet(void);
unsigned int counter_detik;
int meter;
unsigned char pencet;
char pencet_temp;
unsigned int set_tinggi;
unsigned int set_tinggi_temp;
unsigned char setjam, setmenit, setdetik;
unsigned char settanggal, setbulan, settahun;
unsigned char setjam_temp, setmenit_temp;
unsigned char settanggal_temp, setbulan_temp, settahun_temp;
eeprom int set_tinggi_save;
unsigned char lcd_buffer[17];
```

```
unsigned int data0, senki, jarak;
//#define enter putchar(13)
#define uss0 PIND.5 //echo
#define us0 PORTD.6//triger
```

```
unsigned char detik, menit, jam, tgl, bln, thn;
```

```
void init_pencet(void)
{
  PORTC=0xFF;
  DDRC=0xF0;
  //ACSR=0x80;
}
```

```
void pencet_(void)
{
  pencet = 0xFF;
```