

```
/*
```

```
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```
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```

```
*/
```

```
/**
```

```
* Attiny85 PINS (i2c)
```

```
*
```

```
* RESET -|_| |- 3V
```

```
* SCL (3) -|_| |- (2)
```

```
* SDA (4) -|_| |- (1)
```

```
* GND -|_|_| |- (0)
```

```
*
```

```
* Attiny SPI PINS: connect LCD to D4 (D/C), GND (CS), D3 (RES), D1(DIN), D2(CLK)
```

```
*
```

```
* Nano/Atmega328 PINS: connect LCD to A4/A5 (i2c)
```

```
* ESP8266: GPIO4(SDA) / GPIO5( SCL )
```

```
*
```

```
* This sketch is for OLED text layout ONLY (so far).
```

```
*/
```

```
#include "ssd1306.h"
```

```
#include "nano_gfx.h"
```

```
#include "sova.h"
```

```
void setup(){
```

```
    ssd1306_128x64_i2c_init();
```

```
    ssd1306_clearScreen();
```

```
    txt();
```

```
}
```

```
void loop(){
```

```
    ssd1306_setFixedFont(courier_new_font11x16_digits);
```

```
    ssd1306_printFixed(0, 40, "1220", STYLE_NORMAL);    // Measured voltage A1 - NOT implemented
```

```
    ssd1306_printFixed(71, 40, "1240", STYLE_NORMAL);    // Measured voltage A2 - NOT implemented
```

```
    delay(3000);
}

void txt(){
    ssd1306_setFixedFont(ssd1306xled_font6x8 );

    ssd1306_printFixed(0, 0, "Mode:", STYLE_NORMAL);
    ssd1306_printFixed(40, 0, "INPUT", STYLE_NORMAL);

    ssd1306_printFixed(0, 8, "Gain:", STYLE_NORMAL);
    ssd1306_printFixed(90, 8, "-20", STYLE_NORMAL);
    ssd1306_printFixed(116, 8, "dB", STYLE_NORMAL);

    ssd1306_drawLine(0,18, 127, 18);

    ssd1306_printFixed(12, 24, "LEFT", STYLE_NORMAL);
    ssd1306_printFixed(86, 24, "RIGHT", STYLE_NORMAL);

    ssd1306_setFixedFont(ssd1306xled_font6x8 );
    ssd1306_printFixed(46, 48, "mV", STYLE_NORMAL);
    ssd1306_printFixed(116, 48, "mV", STYLE_NORMAL);

}
```