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- Resolution: 128 x 64, View angle: > 160°, Support voltage: 3.3V-5V DC, Power consumption: 0.04W during normal operation, full screen lit 0.08W
- Embedded Driver IC: SSD1306. Communication: I2C/IIC Interface, only need two I / O ports
- Needn't backlight, the display unit can self-luminous. It has Super High Contrast, bright and crisp dots, even tiny fonts quite readable
- No embedded fonts inside the OLED controller, user can create the fonts through the font generation software. We offer technical support and software library as well as the guide book in the package.
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- The ADXL345 is a small, thin, ultra-low power 3-axis accelerometer with high resolution (13 bits) and measurement range of ±16g.
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Course reference materials:
The MSP-EXP430FR2433 LaunchPad™ Development Kit is an easy-to-use evaluation module (EVM) based on the MSP430FR2433 Value Line Sensing microcontroller (MCU). It contains everything needed to start developing on the ultra-low-power MSP430FR2x Value Line Sensing MCU platform, including onboard debug probe for programming, debugging, and energy measurements. The board includes two buttons and two LEDs for creating a simple user interface. It also supports using a supercapacitor (must be purchased and installed by the user) that acts like a rechargeable battery, enabling stand-alone applications without an external power supply.

Figure 1 shows the MSP-EXP430FR2433 LaunchPad development kit.
1.4 Functional Block Diagram

Figure 1-1 shows the functional block diagram.
MSP430FR4xx and MSP430FR2xx Family

User's Guide

http://www.ti.com/lit/ug/slau445g/slau445g.pdf
LaunchPad MSP430FR2433 Pins Map

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