

Color reflective LCD

2.7, 4.4-inch standard products

This LCD modules are suitable for a wide variety of IoT products and application, including outdoor sports gears, medical & healthcare devices, remote controllers, and portable devices due to key features. JDI's Low power consumption technology contributes to long battery drive devices.

这款液晶模块适用于各种物联网产品和应用，包括户外运动装备、医疗保健设备、遥控器和便携式设备。JDI的低功耗技术可以延长电池的使用寿命。

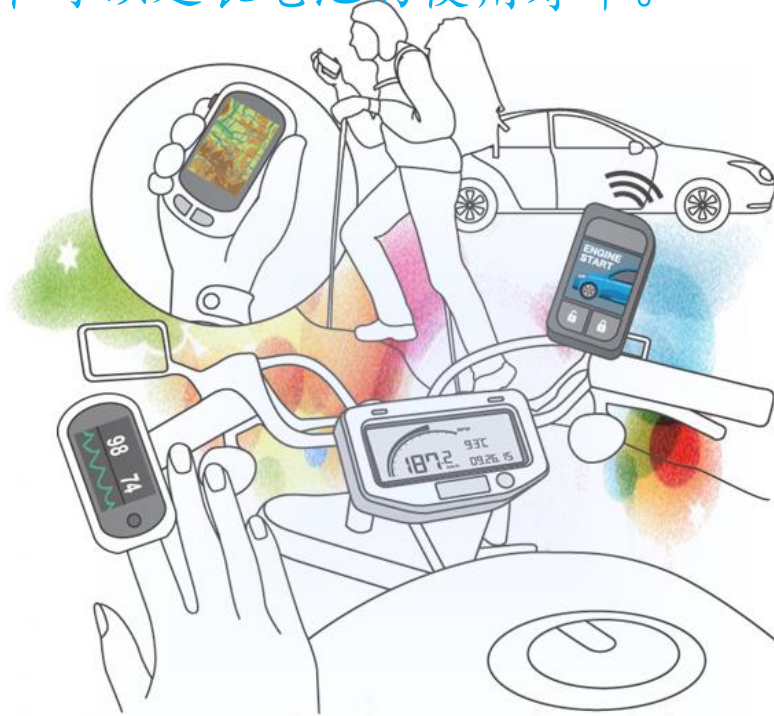
Ultra-Low Power Consumption
超低功耗

Long battery life with JDI's original technology

使用JDI传统技术
延长电池使用寿命

User-friendly I/F
常用接口

SPI/ 3V Drive



Good Outdoor Visibility
户外可见度高

Good visibility realized by proprietary reflective color technology

通过独有的反射技术
实现了良好的可视性

High Display Quality
高显示质量

Excellent image quality with high color reflectance

具有高彩色反射的图像显示质量

| Features | 1.28" | 2.7" | 4.4" |
|-------------------------------|---------------------|---------------------|---------------------|
| LCD type | ECB, Reflective | ECB, Reflective | ECB, Reflective |
| Resolution | 176x176 | 400x240 | 640x480 |
| Interface | SPI | ← | ← |
| Contrast | Typ. 30:1 | Typ.(40:1) | ← |
| No. of colors | 8 colors | ← | ← |
| Color gamut (NTSC ratio) | 23% | ← | ← |
| Reflectance | 26% | 19% | 19% |
| Viewing angle (L/R/T/B, CR>2) | (60)/(65)/(65)/(60) | (70)/(70)/(70)/(70) | (70)/(70)/(70)/(70) |
| Backlight | Optional | Yes | Optional |

Software Development Kit

Open source software is available now at Mbed OS site

开源软件可参考Mbed OS站点 (<https://os.mbed.com/teams/JapanDisplayInc/>)

In addition, new interface board that compatible with FRDM-K64F

will be available soon in online as Software Development Kit (SDK) .

此外，与FRDM-K64F兼容的新接口板，将作为软件开发工具包 (SDK) 于近期内上线。



Japan Display Inc.