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Ks0269 keyestudio TMD27713 ALS Infrared LED Optical Proximity Detection Module

Introduction:

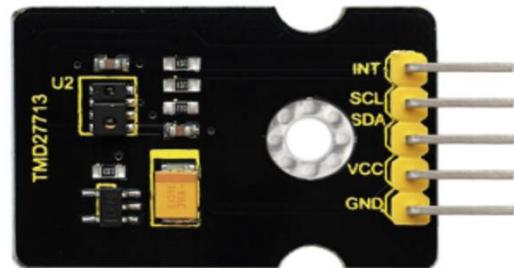
It is a triple sensor integrated with ambient light,proximity sensor and infrared LED, which has two functions. For one thing, it is used to detect the current ambient brightness (ALS). It can in accordance with the current ambient brightness automatically adjust the backlight brightness to conform to ambient light by the mean of software adjustment. This way can make backlight brightness soft to protect your vision and to achieve the effect of energy saving. The reflection effect of IR ray emitted by the internal LED and the reception of the built-in PD of the sensor are used to determine whether the mobile phone is close to the human face during the call, thus determining the backlight state and the status of the touch screen button ON/OFF.

Specification:

Supply Voltage: max 3.3V

Current: >20mA

Interface: I2C



More info at KEYESTUDIO

https://wiki.keyestudio.com/Ks0269_keyestudio_TMD27713_ALS_Infrared_LED_Optical_Proximity_Detection_Module

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