TIDA-01364
Smart Backlight and Lighting Control by
Ambient Light and Noise-Immune Proximity
Sensor Reference Design

- USB 5-V Input
- TLV71333 Linear Regulator
  - 3.3-V
- MSP430FR5969 Microcontroller
  - USB/UART Data
  - I2C
- LCD
- EM Connector
- Capacitive Betel Sensor
- FDC2212 Capacitance-to-Digital Sensor
- HDC1010 Humidity and Temperature Sensor
- OPT3001 Ambient Light Sensor
- TPS61165 Backlight Controller

Revision History:
- E1: Initial Board Release

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