Humidity & Temp. Sensing Node for Sub-1 GHz Star Networks

Project Title: Humidity & Temp. Sensing Node for Sub-1 GHz Star Networks

Designed for: Public Release

Assembly Variant: 001

Contact: http://www.ti.com/support

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Revision History

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<th>Revision</th>
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<td>E1</td>
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Revision Notes:

- **E1**: Initial Board Release
- **E2**: Replaced HDC1000 with HDC1010, Replaced HDC1050 with HDC1080
- **E3**: Updated wireless MCU passive part numbers

**Diagram**:

- **Coin Cell Battery (CR2032)**
- **TPS61291 (DC-DC Boost)**
- **TPS5111 (Nano-power system timer)**
- **TPS22860 (Ultra-low leakage load switch)**
- **HDC1010 (Humidity & Temp.)**
- **CC1310 (ARM + Sub-1 GHz)**
Battery Connector & Reservoir Capacitors

Boost DC-DC to 3.3V

Analog Switch for Power Shutoff

Nano-Power System Timer

Bypass Jumper for Debugging
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