

# VIDEO: Bluetooth-enabled Skin Temperature Patch Demo

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Adrian Fer

In this Connect series demo, Brandon shows us how to use our new high-precision digital temperature sensor, [TMP117](#), in a SimpleLink™ Bluetooth-enabled skin temperature patch. Check it out!

The TMP117 provides a 16-bit temperature result with:

- resolution of 0.0078°C
- accuracy of up to  $\pm 0.1^\circ\text{C}$  across the temperature range of  $-20^\circ\text{C}$  to  $50^\circ\text{C}$  with no calibration

## Additional Resources:

[Get the TI Design \(reference design\).](#)

Learn more about the [TMP117](#).

Check out [SimpleLink Bluetooth wireless MCUs](#).

[Subscribe to Connect, our weekly series.](#)

Tweet [@sensortocloud](#) with future topic ideas!

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