New Voice-Enabled Remote Control Solutions for ZigBee RF4CE and Bluetooth Smart from TI

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Texas Instruments (TI) [1] has announced new voice-enabled ZigBee RF4CE and Bluetooth Smart remote control development kits that will bring advanced voice features to more remotes and more consumers. Working with Nuance Communications [2], TI's new remote control solutions deliver high-quality voice recognition powered by Nuance's Dragon TV in a limited bandwidth stream without quality loss or impact on the results. TVs and set-top boxes (STBs) now offer more advanced services where voice-enabled remotes provide an additional method for user control. The performance and low power of TI's solution delivers advanced consumer applications including:

- Voice commands.
- Hands-free search and navigation.
- User identification for customized user interfaces.

With its flexibility and low cost-point, TI's RF4CE and Bluetooth Smart remote solutions make embedded- and Internet- or cloud-based remotes a reality.

Based on a single-chip SoC (CC2533 or CC2541 for ZigBee RF4CE or Bluetooth low energy respectively), TI's voice-enabled remote control solutions only require an external ADC—no external DSP is needed for voice compression, which reduces costs to manufacturers. The voice-enabled remote controls use TI's royalty-free RemoTI RF4CE stack and BLE-Stack software. TI offers manufacturers a complete RF4CE and Bluetooth Smart remote control product offering simple button remotes and advanced remotes with pointing technology.

For more information please visit www.ti.com [1]

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Links:
[1] http://www.ti.com
[2] http://www.nuance.com