



AN1328: Enabling a Radio Co-Processor using the *Bluetooth*® LE HCI Function

This version of AN1328 has been deprecated with the release of Simplicity SDK Suite 2025.12.0. For the latest version, see docs.silabs.com.

This document gives a short overview of the standard Host Controller Interface (HCI) and how to use it with Silicon Labs' Bluetooth LE controller. First it briefly describes the HCI layer, the supported features, and explains the difference between a Network Co-Processor (NCP) and a Radio Co-Processor (RCP) project. It then lists the available vendor-specific commands and shows how to get started with the RCP Example project included in the Bluetooth LE SDK.

This document assumes that you have installed Simplicity Studio 5 and the Bluetooth LE SDK, and that you are familiar with creating, configuring, building, and flashing projects. If not, see QSG169: *Bluetooth*® SDK v3.x Quick-Start Guide.

KEY POINTS

- Generic description of the HCI protocol
- Vendor-specific features
- Example project description