

BPS Bluetooth Protocol Stack

Features

- Bluetooth Specification v1.1 compliant
- Supports all Bluetooth Profiles
 - Piconet and Scatternet operation
 - Master and Slave modes
 - Sniff, hold, park
- Written in Telelogic SDL
 - complete system simulation
 - generates portable ANSI C code
 - can run stand-alone under its own embedded micro-kernel
 - OS Abstraction Layer simplifies porting to any RTOS
 - highly reliable and maintainable
- HCl's supported: UART, RS232, USB
- APIs included with example code for easy application support
- Control Application with GUI provides easy development and demo support
- Optimized for ARM7 and ARC3 RISC Processors
- Easily ported to most other 16/32b Processors
- Configurable for Host and fully Embedded Applications (with or without HCI)
- Small Memory Footprints
 - 55kB ROM/Flash in Hosted model
 - 85kB ROM/FLASH in fully Embedded model

Stack Diagram

