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## Technical Description

The CC2540Keyfob is an evaluation board for the CC2540 chip from Texas Instruments.

The CC2540Keyfob is included in a development kit that can be used as for Bluetooth Low Energy development.

The CC2540 System on Chip has a differential RF output. On the CC2540Keyfob board this differential output is transformed to a single ended, 50 ohm signal through a discrete balun. Additionally, the balun ha greatly reduces harmonic radiation. The single ended output of the balun is connected to an on-board PCB antenna.