

SmartRF04EB CC1110 CC2530 ZigBee Module USB Downloader Emulator

SmartRF04EB

CC1110 CC2530
ZigBee Module USB
Downloader Emulator



Product Description

Description

The CC Debugger is primarily used for debugging and programming the flash on CCxxxx 8051-based System-on-Chip (SoC) devices from Texas Instruments. CC Debugger also supports CCxxxx RF transceivers. In addition, CC Debugger is used for configuring the CC85xx devices with PurePath Wireless Configurator.

Key Features

Performance

Compatible with the original TI CC Debugger

Supported Operating Systems: Windows 2000, Windows xp sp2/sp3, Windows Vista 32bit, Windows 7 32bit

Target voltage: 1.2V~3.6V

Capable of powering the target board from the debugger

Operating temperature: 0°C~85°C

Supported Software

IAR Embedded Workbench For C8051

SmartRF Flash Programmer

SmartRF Studio

SmartRF Packet Sniffer

PurePath Wireless Configurator

Connects to PC

Computer connection via USB interface

Connects to target board

Target board connection via 10-pin IDC connector (2x5 2.54mm pitch)

LED Status

OFF: The debugger has no power or there is no valid firmware on the debugger.

AMBER (BOTH LEDS ON): The debugger is powered, but there is no valid firmware.

RED LED BLINKING: The Debugger is in Boot Recovery Mode.

RED LED ON: No device detected. This might be due to old firmware on the CC Debugger, or a problem with the hardware connection (make sure the target board is properly powered and connected correctly).

ZIGBEE emulator for CC1110 CC2530 (SmartRF04EB enterprise edition)

SmartRF04EB Introduction

- 1- SmartRF04EB, CC series wireless chip debugging tool, which can be used for CC11xx, CC24xx, CC25xx (NOT support CC2541) and many other series, support a variety of debugging tools, such as download, simulation, debugging, breakpoint, step, full, erase, read, encryption etc, support protocol analysis
- 2- Seamless connectivity with IAR for MCS-51 compiler, currently known version is IAR730B, IAR751, IAR760, IAR810
- 3- Support software tools: SmartRF Studio, SmartRF Flash Programmer, IEEE Address Programmer, Packet Sniffer
- 4- Support operating system: WINXP, WIN7/10 32&64bit
- 5- Automatic detection of recognition speed, download speed up to 150KB/s;
- 6-Support for loading simulation and protocol analysis; 3.3V on the target board;

Characteristics and performance

- 1 Dual buffer outputs, stable, reliable, compatible with most domestic module pin
- 2 Automatic recognition speed, download speed of up to 150KB/S
- 3 Provide the 3.3V voltage to the target board
- 4 The interface defined is official standard edition

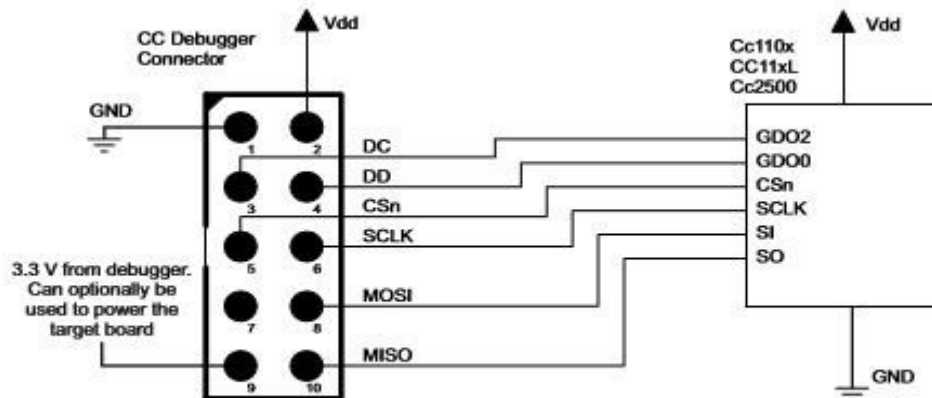
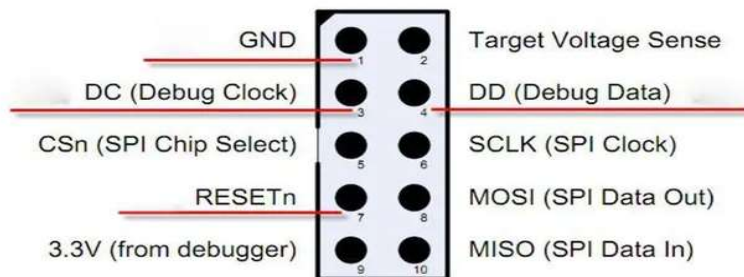


Figure 10. CC Debugger Connected to CC110x/CC11xL/CC2500



Shipping list

- 1) 1* Host
- 2) 1* USB cable
- 3) 1* 10P gray line