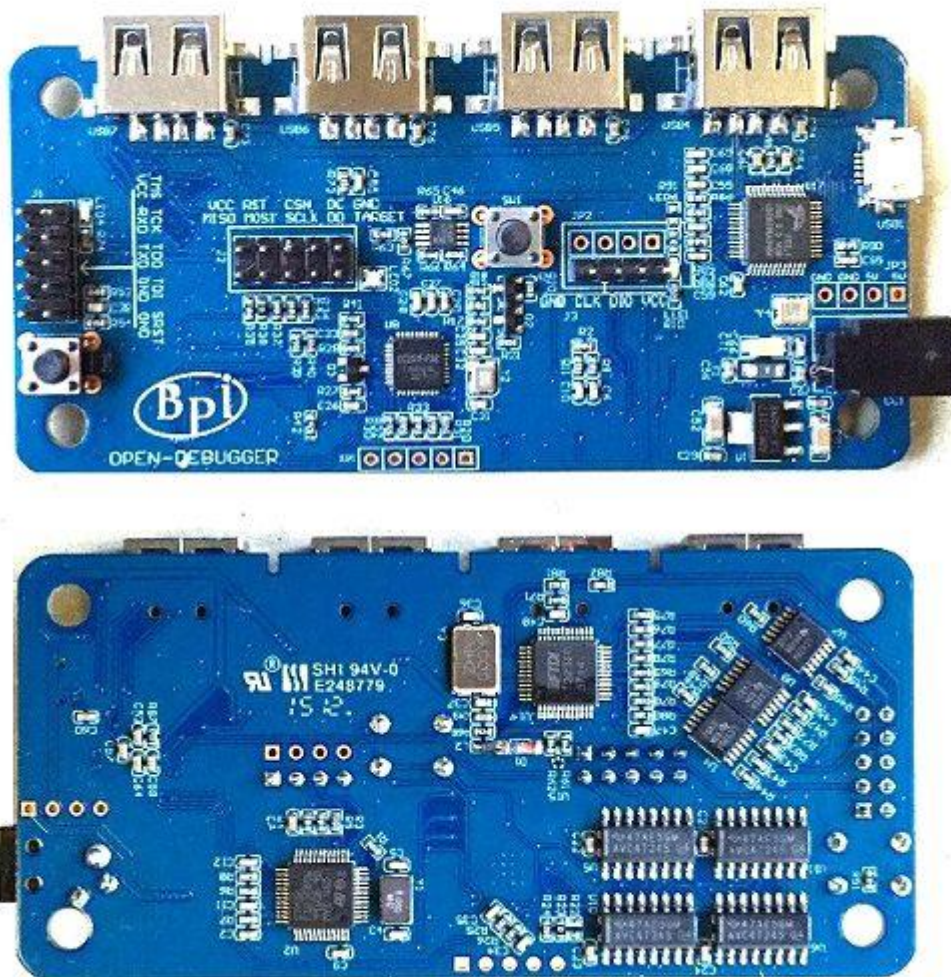


## BPI Open-Debugger burn board

Open Debugger is a set of programming tools in the development of STM series of microcontrollers, TI CC1x, 2x, TI CC3x series SOC, when STC Series MCU can be programmed quickly and easily debug, debugging programmer does not have to do something different series of chips switching plug tedious work. In addition, it also integrates a USB to serial port, which is a common interface for embedded development. It is also one of USB2.0 HUB, making it easy to extend to other USB tools. With it, no longer need to face a bunch of different writer, complicated mess of wiring, USB port deficiencies



### Support Objects

#### CC Debugger Interface :

#### Programming and debugging of the following 8051-based TI SoCs :

CC1110, CC1111  
CC2430, CC2431  
CC2510, CC2511  
CC2530, CC2531, CC2533  
CC2540, CC2541  
CC2543, CC2544, CC2545

#### To SmartRF Studio control same apparatus. In addition, you can also control the following transceiver SmartRF :

CC1120, CC1121, CC1125, CC1175  
CC1100, CC1101, CC110L, CC113L, CC115L  
CC2500, CC2520

It can also be used to program the PurePath wireless devices :

CC8520, CC8521

CC8530, CC8531

**SWD Interface :**

Programming and debugging mainstream ARM7 \ 9 \ 11, Cortex-A5 \ A8 \ A9 \ M0 \ M1 \ M3 \ M4

Supported MCU manufacturers :

ST, Freecale, Nuvoton, NXP, TI, Cypress, Atmel, Analog, Fujitsu, Toshiba,

Energy Micro....

Speeds up the programming and debugging functions 4Mhz: Write Flash Rom, EEPROM, ARF, and support for full speed, stepping, breakpoints

**JTAG Interface :**

JTAG programming and debugging interface for all supported kernel.

**UART Interface :**

STC series microcontroller programming and debugging output port for printing information.

more please see online document:

<https://bananapi.gitbooks.io/bpi-open-debugger-burn-board/content/>