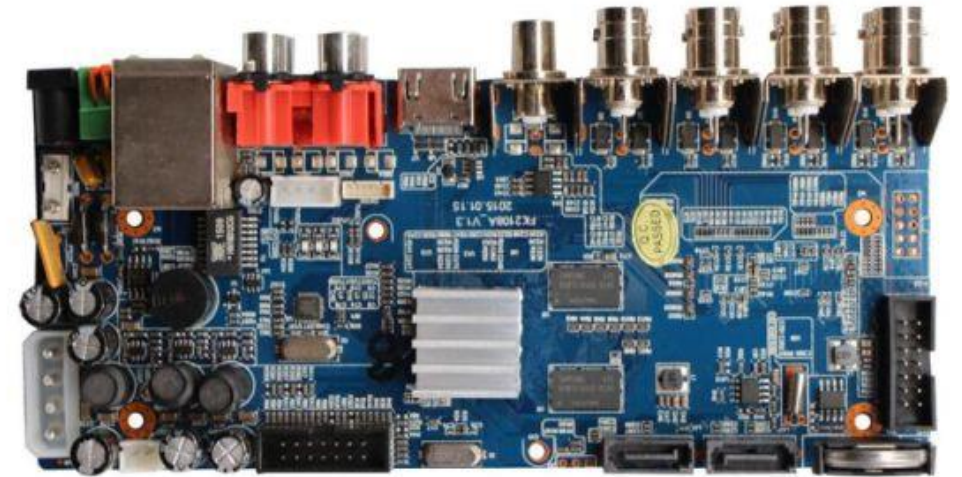


Understand Your Target



Target overview

- ▶ Look at each component
- ▶ Try to understand each part and function of it
- ▶ Identify IO interfaces
- ▶ Identify communications
- ▶ Identify debugging interfaces
- ▶ Try to find schematic for device to better understand



Find public info

- ▶ Google
- ▶ Baidu search
- ▶ FCCID
- ▶ Github
- ▶ Official documentations

SAMSUNG

Model : SLS-BU10B

No.2 Songping Street, North Area of Hi-tech Park, Nanshan, Shenzhen, China

MADE IN CHINA

Rating : 12 Vdc ; 1.0 A

FCC ID : A3LSLS-BU10B

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received,
including interference that may cause undesired operation.



interact

- ▶ Multimeter
- ▶ UART identification
- ▶ Logic analyzers
- ▶ Oscilloscopes



Attack surface

- ▶ Wide internet
- ▶ Lan network
- ▶ Wlan network
- ▶ Wireless attacks : RF, Bluetooth, BLE, ZIGBEE
- ▶ Debugging : JTAG, UART, dumping firmware
- ▶ IO interfaces : USB, OBDII
- ▶ WEBAPPS

