

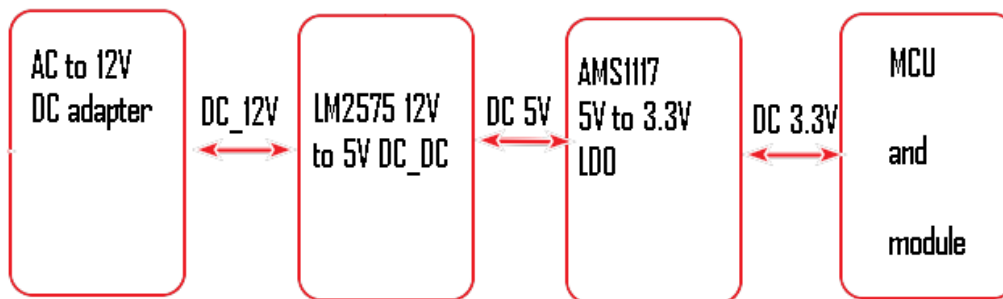
Host Device User Manual

1. Introduction

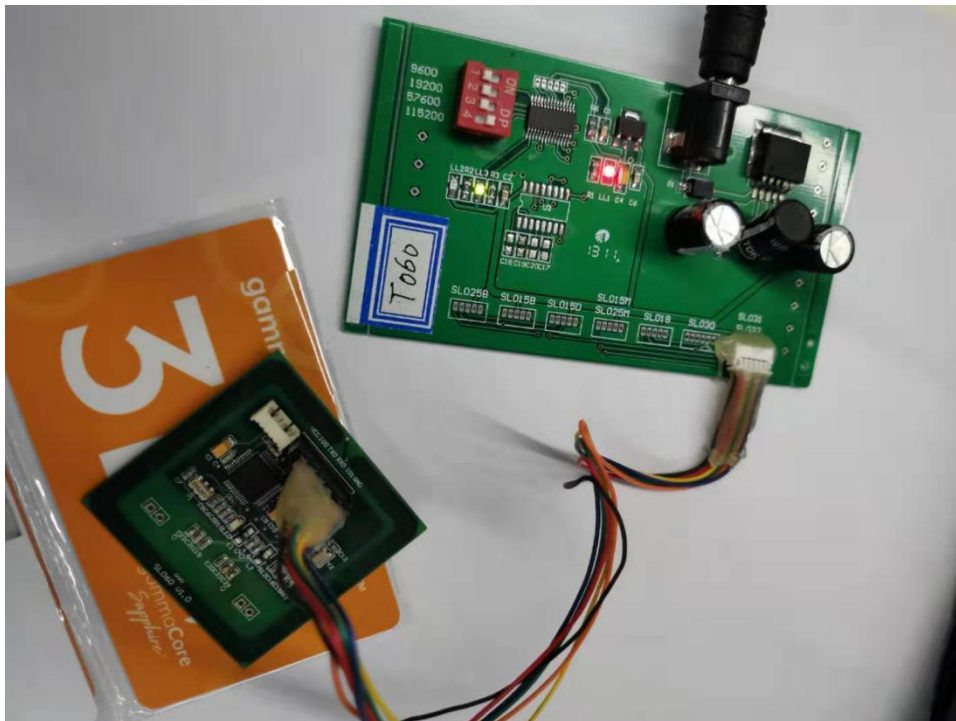
T060 is a host device of SL060 for command sets testing.

Its power supply is obtained by 12V AC-DC adapter, and converting 12V to 5V through DC to DC LM2575 and 5V to 3.3V through LDO AMS1117, to power stable 3.3V to MCU and the SL060 module.

The host device power block diagram



The connection method of T060 and SL060 is below, the "black line" connect to SL060 VCC pin



2. What it is

Actually, T060 is just an 8051 chip with power convert circuits.

There is firmware in the 8051 chip realizing UART master process.

3. How it works

T060 is a UART master device and can send commands what SL060 module can recognize. After power on, T060 starts to send the command to SL060 via UART. After sending, it waits for the response until timeout (About 2 seconds).

The commands T060 sends,

- 1) Select card;
- 2) Authenticate Sector 1 Block 0(Block 4);
- 3) Write this Block;
- 4) Read this block;

All the commands can be referred in the <SL060 User Manual>.