

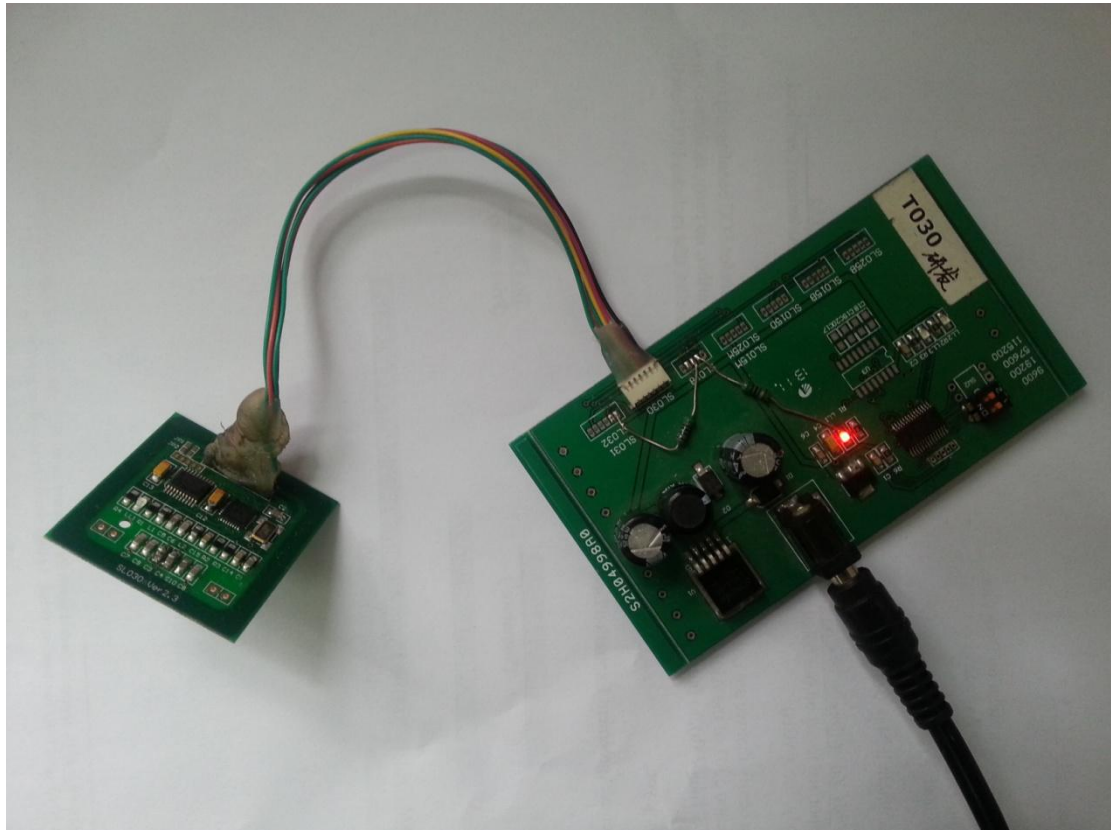
T030 User manual

1. Introduction

T030 is a host device of SL030 for command sets testing.

Its power supply is obtained by 5V AC-DC adapter.

The connection method of T030 and SL030 is below,



2. What it is

Actually, T030 is just an 8051 chip with power convert circuits.

There is firmware in the 8051 chip realizing I2C master process.

3. How it works

T030 is a I2C master device and can send commands what SL030 module can recognize.

After power on, T030 starts to send the command to SL030 via I2C. After sending, it waits for the response until timeout (About 2 seconds).

The commands T030 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 <SL030 User Manual>.

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a **Class B** digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.