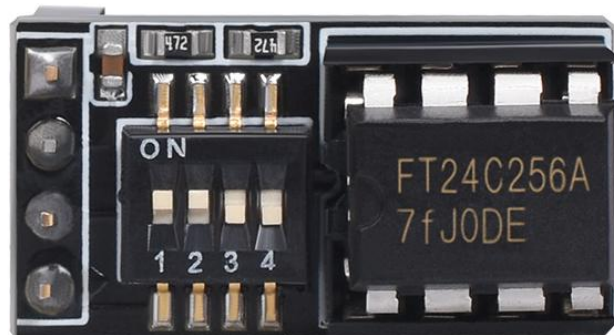


BIGTREETECH

EEPROM V1.0

Manual



一、Introduction

BTT EEPROM V1.0 is an EEPROM module launched by the 3D printing team of Shenzhen Bigtree Technology Co., Ltd., which can be used on the motherboard with I2C interface, help to increase the EEPROM.

1. Module parameters:

- 1) Dimensions: 11.43mm*21.59mm;
- 2) EEPROM: 24C256;
- 3) Supported logic voltage: DC3.3V or DC5V;

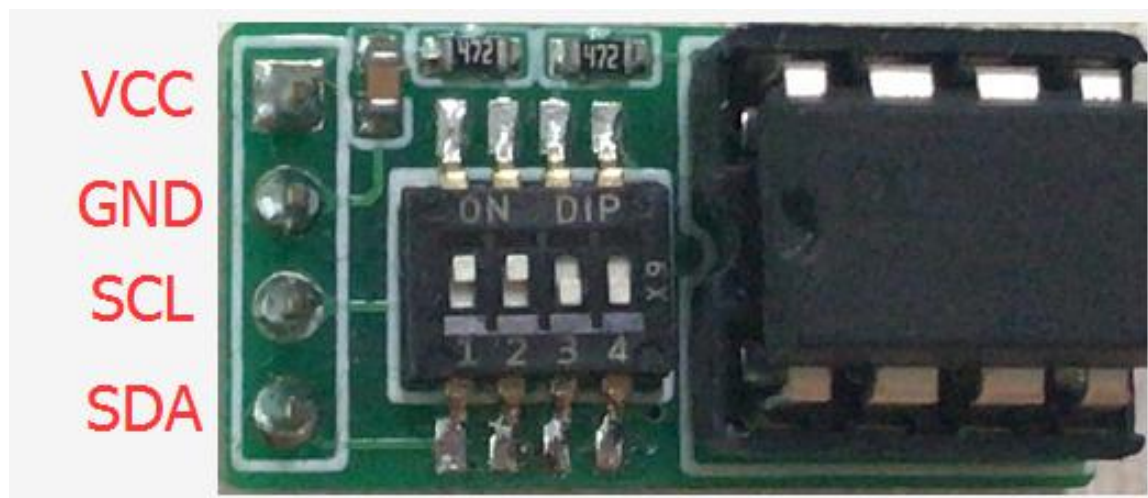
2. Scope of module application:

Any motherboard with I2C reserved can be plugged in and used; such as: BIGTREETECH SKR Pro, BIGTREETECH SKR V1.4, BIGTREETECH SKR V1.4 Turbo, etc.;

二、Operation instructions

1. Mode 1: When opening 1 and 2, the interface line sequence is VCC, GND, SCL, SDA

BIGTREETECH SKR Pro use mode 1



2. Mode 2: When opening 3 and 4, the interface line sequence is VCC GND SDA SCL

BIGTREETECH SKR V1.4、BIGTREETECH SKR V1.4 Turbo use mode 2



三、Modify firmware

1. uncomment EEPROM_SETTINGS in Configuration.h

```
/**
 * EEPROM
 *
 * Persistent storage to preserve configurable settings across reboots.
 *
 * M500 - Store settings to EEPROM.
 * M501 - Read settings from EEPROM. (i.e., Throw away unsaved changes)
 * M502 - Revert settings to "factory" defaults. (Follow with M500 to init the EEPROM.)
 */
#define EEPROM_SETTINGS // Persistent storage with M500 and M501
// #define DISABLE_M503 // Saves ~2700 bytes of PROGMEM. Disable for release!
#define EEPROM_CHITCHAT // Give feedback on EEPROM commands. Disable to save PROGMEM.
#define EEPROM_BOOT_SILENT // Keep M503 quiet and only give errors during first load
#if ENABLED(EEPROM_SETTINGS)
  #define EEPROM_AUTO_INIT // Init EEPROM automatically on any errors.
#endif
```

2. Add #define I2C_EEPROM to the pin file

```
27
28 | #define I2C_EEPROM
29
```

四、Matters needing attention

1. The module can work normally only when it is in the above two modes. Customers need to choose 1, 2, 3, 4 to open and close according to the line sequence of their own motherboard;
2. The pluggable EEPROM used in the module, customers can change the EEPROM chip above according to their own needs.

If you still encounter other problems during use, you are welcome to contact us and we will take care of

Your answer; if you have any good comments or suggestions on our products, you are also welcome to reply

Feed us, we will carefully consider your comments or suggestions, thank you for choosing

Made in Bigtreotech, thank you !