

User Manual

APM32F107VC MINI BOARD

Version: V1.1

1. Performance

- 32-bit Arm® Cortex®-M3
- Max frequency: 96MHz
- Flash: 256KB
- SRAM: 64KB

2. Interface and Resources

- USB: 1 (Type B)
- JTAG/SWD: 1
- LED: 2
- KEY: 2
- RESET KEY: 1
- GPIO: 76
- USART: 1 (Switch to USART1 or USART2 by jumper)

3. Start

- 1) Ensure a solid connection for jumper J6,J7,J8,J9,and J10.
- 2) Connect the USB in development board with PC by a Type B cable and power the development board.
- 3) Connect the emulator with JTAG/SWD interface for MCU programming and debugging.

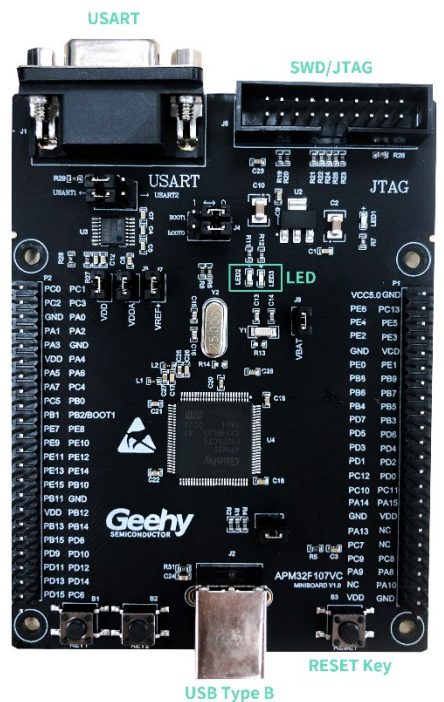
4. System

- FreeRTOS
- RT-Thread

5. Development Tool

- Keil MDK-ARM
- IAR Embedded Workbench
- Visual Studio Code
- Eclipse

6. Appearance



7. Schematic Diagram

Refer to 《APM32F107VC MINIBOARD V1.1. PDF》