User Manual

APM32F051R8 MINI BOARD

Version: V1.0.0

1. Performance

- 32-bit ARM® Cortex®-M0+

- Max frequency: 48MHz

- Flash: 64KB

- SRAM: 8KB

2. Interface and Resources

- USB: 1 (power supply to use)

- KEY: 2

- LED: 2

- RESET KEY: 1

- SWD interface: 1

- GPIO: 51

- USART: 1 (Switch to USART1 or USART2 by jumper)

3. Start

1) Ensure a solid connection for jumper J6, J7 and J9.

2) Connect the USB in development board with PC by a Type B cable and power the development board.

3) Connect the emulator with SWD interface for MCU programming and debugging.

4. System Requirements

- Windows OS (7/8/10)

- USB Type B

5.　Development Tool

- Keil: MDK-ARM

6.　Appearance

7.　Schematic Diagram

Refer to 《APM32F051R8 MINIBOARD V1.0.PDF》