User Manual

APM32F103ZE MINI BOARD

Version: V1.0.0

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1. Performance

- 32-bit ARM® Cortex®-M3
- Max frequency: 96MHz
- Flash: 512KB
- SRAM: 128KB
- Support FPU

2. Interface and Resources

- USB: 1 (Type B)
- KEY: 2
- LED: 2
- RESET KEY: 1
- JTAG/SWD interface: 1
- GPIO:108
- 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 USB Type B cable and power the development board.
3) Connect the emulator with JTAG interface for MCU programming and debugging.

4. System Requirements

- Windows OS (7/8/10)
- USB Type A to Type B

5. Development Tool

- Keil: MDK-ARM

6. Appearance

7. Schematic Diagram

Refer to《APM32F103ZE MINIBOARD V1.0.0 PDF》