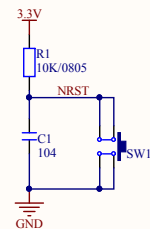
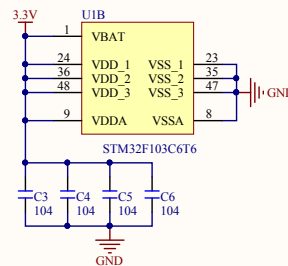
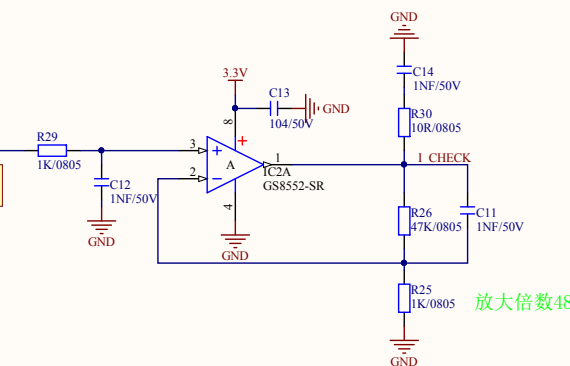
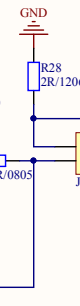
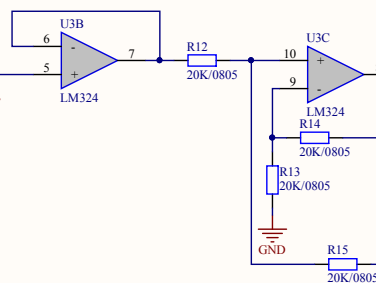
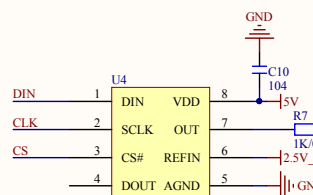
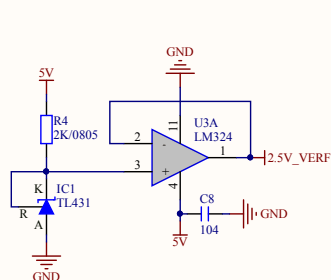
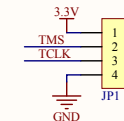


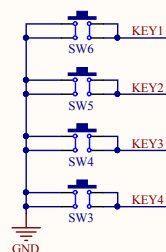
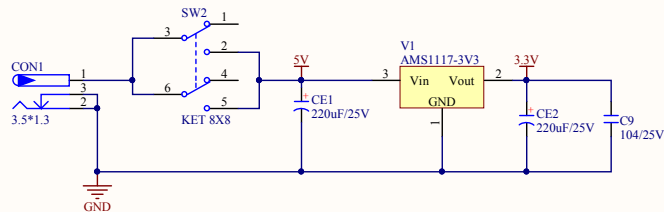
STM32单片机系统



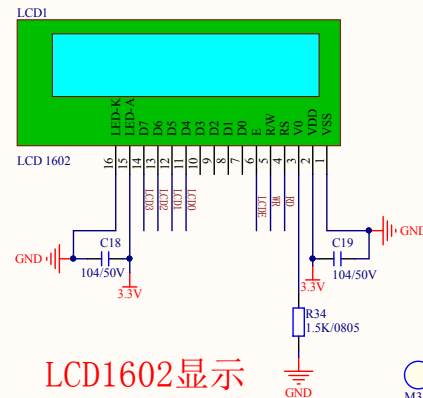
SWD下载



放大倍数48

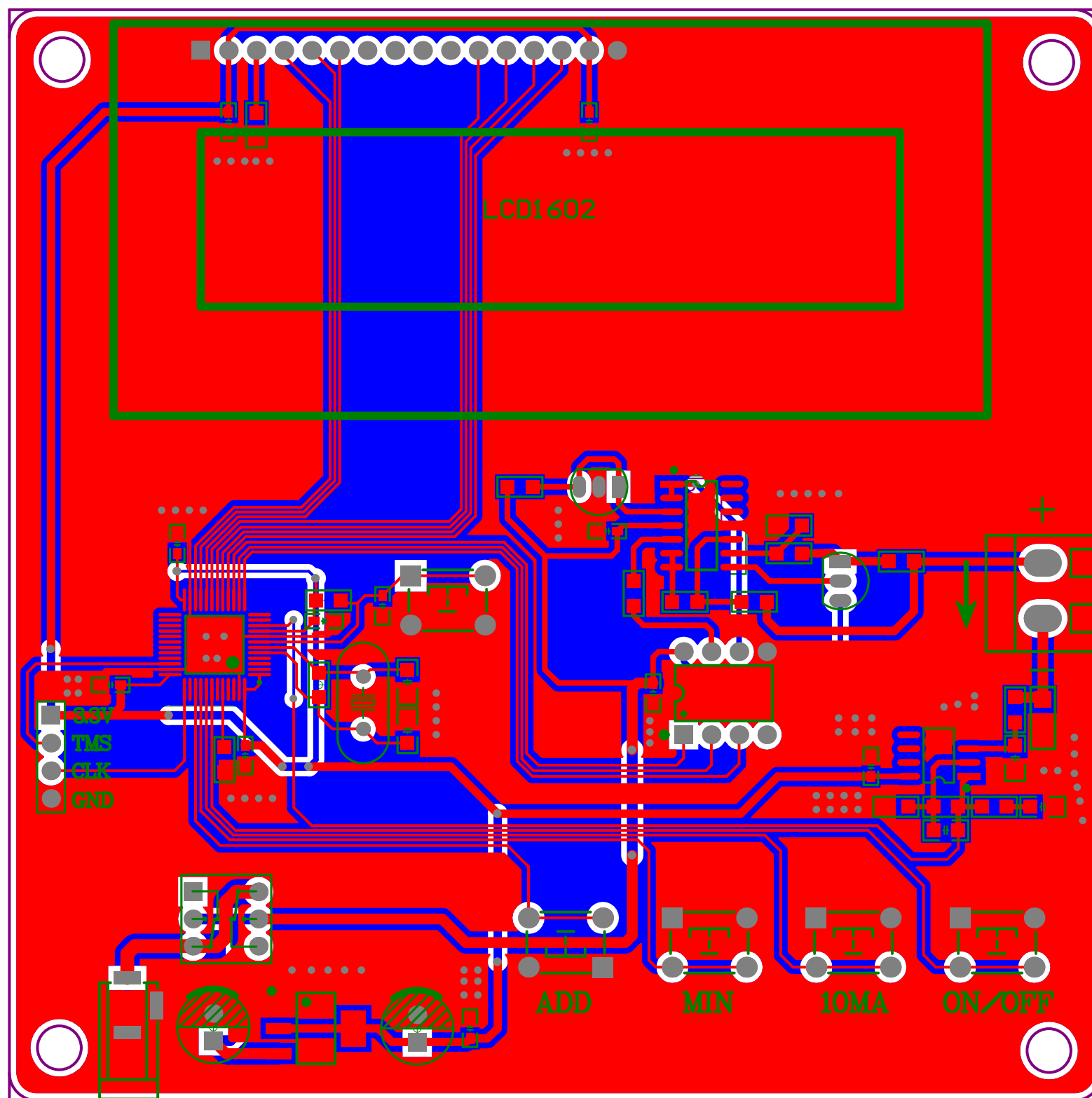


按键模块



LCD1602显示





| Comment | Description | Designator | Footprint | LibRef | Quantity |
|---------------|--|-----------------------------|-----------------------|---------------|----------|
| 104 | 贴片电容 | C1, C3, C4, C5, C6, C8, C10 | C 0603_M | C | 7 |
| 22PF/50V | 贴片电容 | C2, C7 | C 0805_M | C | 2 |
| 104/25V | 贴片电容 | C9 | C 0603_M | C | 1 |
| 1NF/50V | 贴片电容 | C11, C12, C14 | C 0805_M | C | 3 |
| 104/50V | 贴片电容 | C13, C18, C19 | C 0603_M | C | 3 |
| 220uF/25V | 直插电解电容 | CE1, CE2 | CAP 2.5*6.3*11.2 - BK | CE | 2 |
| 3.5*1.3 | 低压电源接口 | CON1 | DC-002 | P-DC | 1 |
| TL431 | 可调基准稳压芯片 | IC1 | TO92A | TL431-ID | 1 |
| GS8552-SR | 双路运放 | IC2 | SOP8_M | LM358 | 1 |
| HDR-1X4 | 4P接插件 | JP1 | HDR2.54-LI-4P | Header 4 | 1 |
| HDR-1X2 | 2P接插件 | JP2 | KF128-5.08-2P | Header 2 | 1 |
| LCD 1602 | LCD 1602 | LCD1 | LCD-1602 | LCD 1602 | 1 |
| SS8050 | 高频放大-NPN型 | Q1 | TO92A | 8050-DIP | 1 |
| 10K/0805 | 贴片电阻 | R1, R3 | R 0805_M | R | 2 |
| 1M/0805 | 贴片电阻 | R2 | R 0805_M | R | 1 |
| 2K/0805 | 贴片电阻 | R4 | R 0805_M | R | 1 |
| 1K/0805 | 贴片电阻 | R7, R25, R29 | R 0805_M | R | 3 |
| 20K/0805 | 贴片电阻 | R12, R13, R14, R15 | R 0805_M | R | 4 |
| 100R/0805 | 贴片电阻 | R16 | R 0805_M | R | 1 |
| 47K/0805 | 贴片电阻 | R26 | R 0805_M | R | 1 |
| 2R/1206 | 贴片电阻 | R28 | R 1206_M | R | 1 |
| 10R/0805 | 贴片电阻 | R30 | R 0805_M | R | 1 |
| 1.5K/0805 | 贴片电阻 | R34 | R 0805_M | R | 1 |
| 6x6x5 | 直插6x6轻触开关 | SW1, SW3, SW4, SW5, SW6 | TSW DIP-6*6*6 | TSW DIP-6x6 | 5 |
| KET 8X8 | 8*8自锁开关 | SW2 | KFT DIP-8X8 | KET 8X8 | 1 |
| STM32F103C6T6 | STM32 ARM-based 32-bit MCU Performance Line with 64 kB Flash, 20 kB Internal RAM, -40 to +85癯 Temperature, 48-Pin LQFP, Tray | U1 | LQFP48_M | STM32F103C8T6 | 1 |
| LM324 | 4运放 | U3 | SOP14_M | LM324 | 1 |
| TLC5615 | 10位DAC | U4 | DIP8-300 | TLC5615 | 1 |
| AMS1117-3V3 | 三端稳压芯片 | V1 | SOT223_M | AMS1117 | 1 |
| 8MHz | 2脚无源脚晶振 | X1 | OSC HC-49S | XTAL-2P | 1 |
| M3 | 铜柱孔 | Z1, Z2, Z3, Z4 | M3/KONG | M3 | 4 |