

全息一体机BOM清单

| Item | Quantity | Reference | Part |
|------|----------|--|--------------------|
| 1 | 13 | C1, C2, C3, C4, C5, C6, C9, C10, C11, C12, C16, C18, C22 | 0. 1uF |
| 2 | 2 | C7, C8 | 15pF |
| 3 | 2 | C13, C14 | 5pF |
| 4 | 2 | C15, C17 | 220uf/35V |
| 5 | 3 | C19, C20, C21 | 10uF |
| 6 | 1 | D1 | BAT54C |
| 7 | 1 | D2 | SMBJ12A |
| 8 | 1 | D3 | SS34 |
| 9 | 8 | H1, H2, H3, H4, H5, H6, H7, H8 | NC/mechanical pad |
| 10 | 1 | JP SWD1 | XH-4A |
| 11 | 2 | JP 1, J3 | XH-2A |
| 12 | 1 | JS BAT1 | BAT |
| 13 | 1 | JS USART1 | NC/XH-4A |
| 14 | 2 | J1, J8 | HEADER 8 |
| 15 | 1 | J2 | HEADER 5 |
| 16 | 1 | J4 | HEADER 20X2 |
| 17 | 1 | J5 | HEADER 2 |
| 18 | 1 | J9 | LCD |
| 19 | 1 | KS REST | KEY 3x6x2d5 2p SMD |
| 20 | 2 | LED1, LED0 | LED |
| 21 | 1 | L1 | 47UH |
| 22 | 1 | R1 | 220K |
| 23 | 8 | R2, R3, R4, R5, R6, R7, R10, R11 | 10K |
| 24 | 1 | R8 | 10R |
| 25 | 1 | R9 | 10k |
| 26 | 2 | R13, R14 | 3. 3K |
| 27 | 4 | SW1, SW2, SW3, SW4 | SW PUSHBUTTON 0 |
| 28 | 7 | T1, T2, T3, T4, T5, T6, T7 | NC/TEST |
| 29 | 1 | U1 | USBLC6-2SC6 |
| 30 | 1 | U2 | STM32F103RB |
| 31 | 1 | U3 | PCF8563T |
| 32 | 1 | U4 | XL1509-5. 0 |
| 33 | 1 | U5 | LM1117-3. 3 |
| 34 | 1 | Y1 | 8M |
| 35 | 1 | Y2 | 32. 768KHz |

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|--------------------|
| PCB Footprint |
| C0603 |
| C0603 |
| C0603 |
| CAP SMD 8x10d5 |
| C0805 |
| sot23-3 |
| SMA |
| SMA |
| hole 4d5mm |
| XH-4A |
| XH-2A |
| CR1220 socket V1 |
| XH-4A |
| XH-8A |
| sw3 2 |
| HEADER10X2 2mmp |
| XH-2A |
| XH-20A |
| KEY 3x6x2d5 2p SMD |
| LED0603 |
| cd54 |
| R0603 |
| R0603 |
| R0603 |
| XH-3A |
| R0603 |
| sw41 |
| TEST 55C SMD |
| SOT23-6 |
| LQFP64 |
| SOP8 |
| soic8 |
| SOT-223 |
| CY5032 2p |
| MC 146 |