

|       |                                      |             |
|-------|--------------------------------------|-------------|
| Title |                                      |             |
| Size  | Number                               | Revision    |
| A4    |                                      |             |
| Date: | 2016/9/15                            | Sheet of    |
| File: | F:\对外项目\信号发生器\PCB\Ven2.0\DDZ_Sch.Dwg | DDZ_Sch.Dwg |



A

B

C

D

A

B

C

D

1

2

3

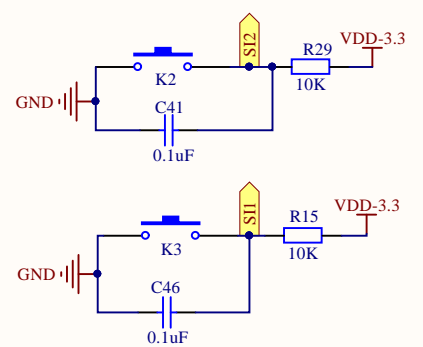
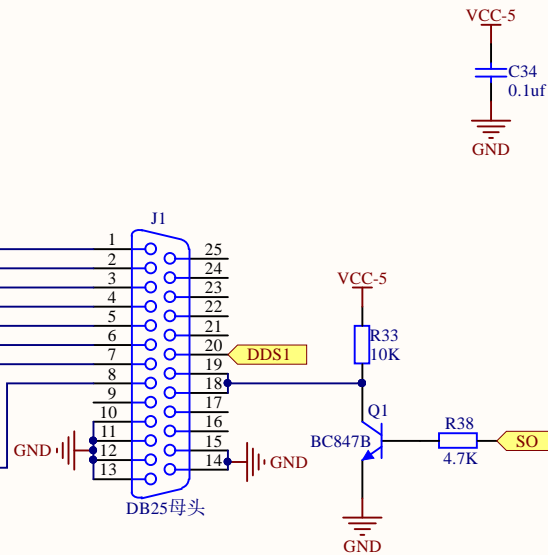
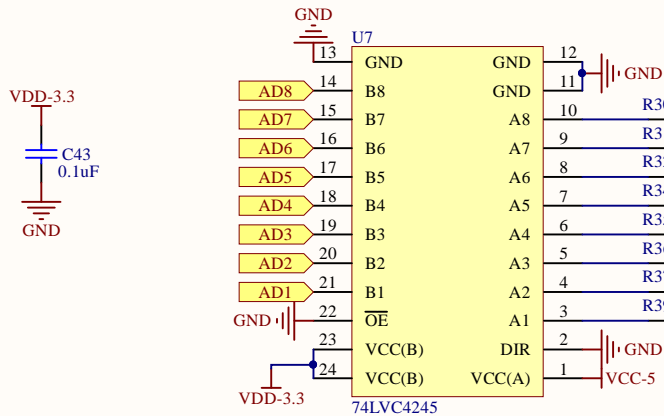
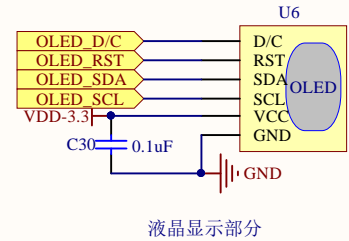
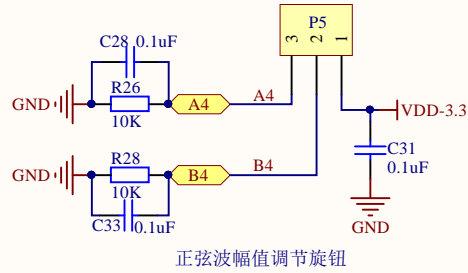
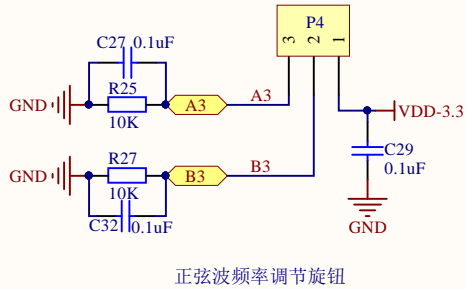
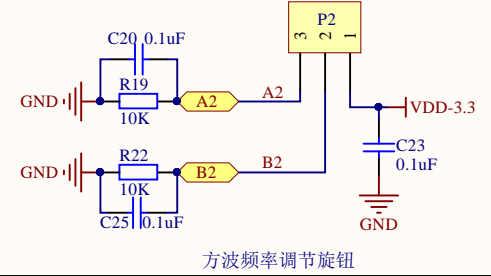
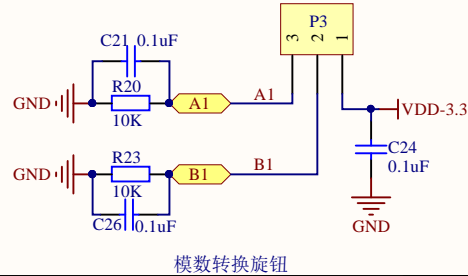
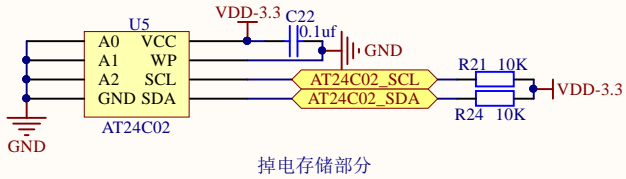
4

1

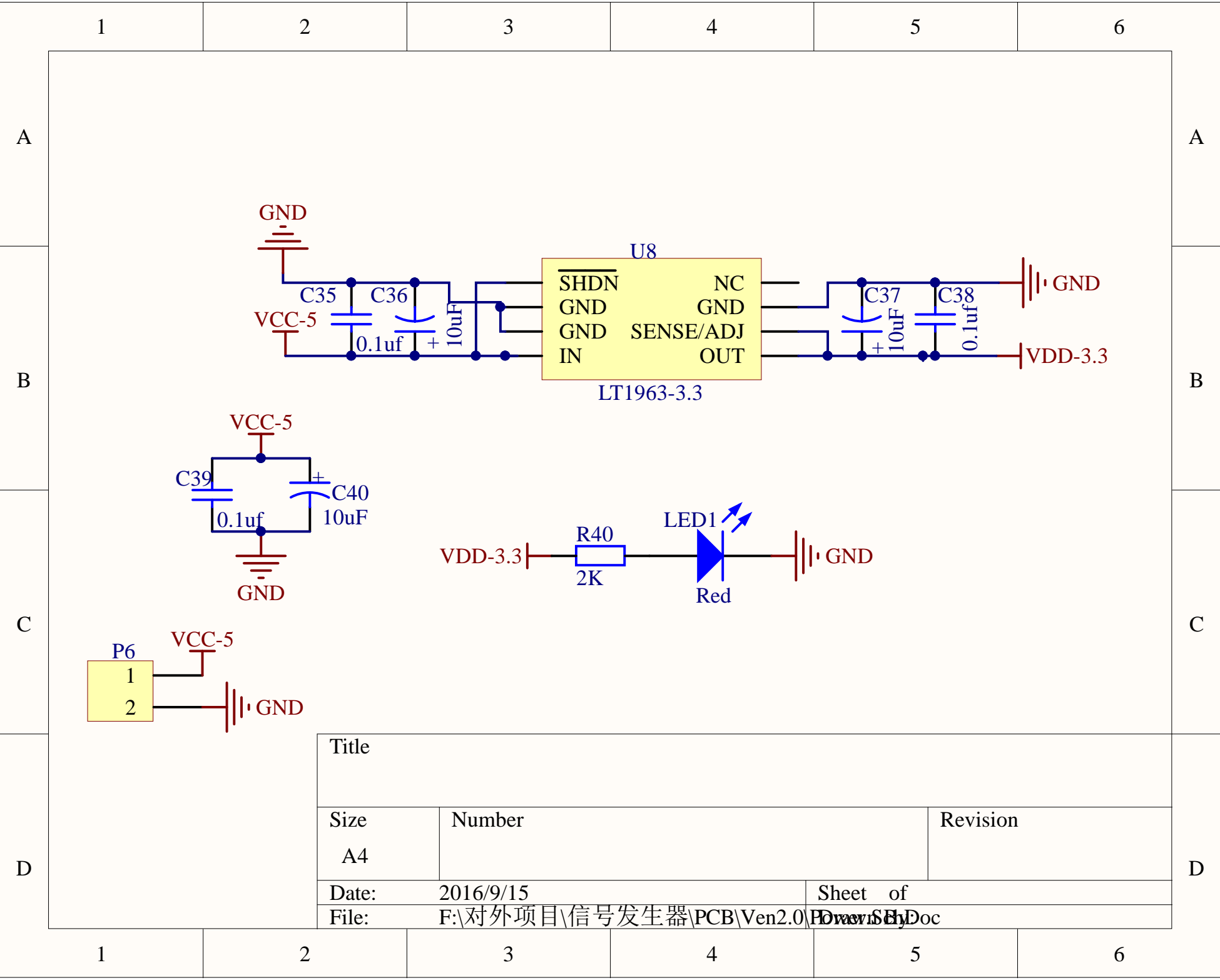
2

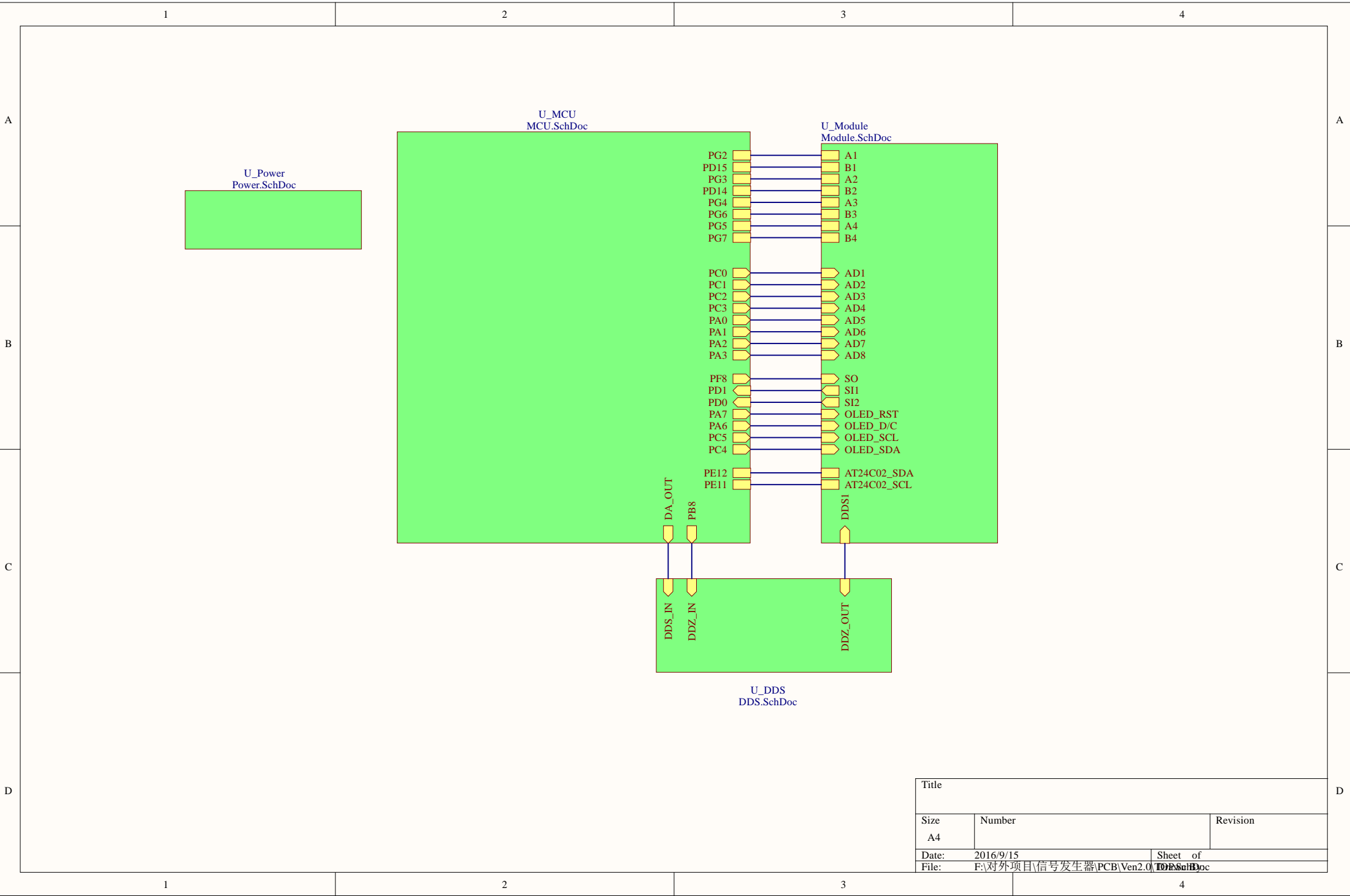
3

4

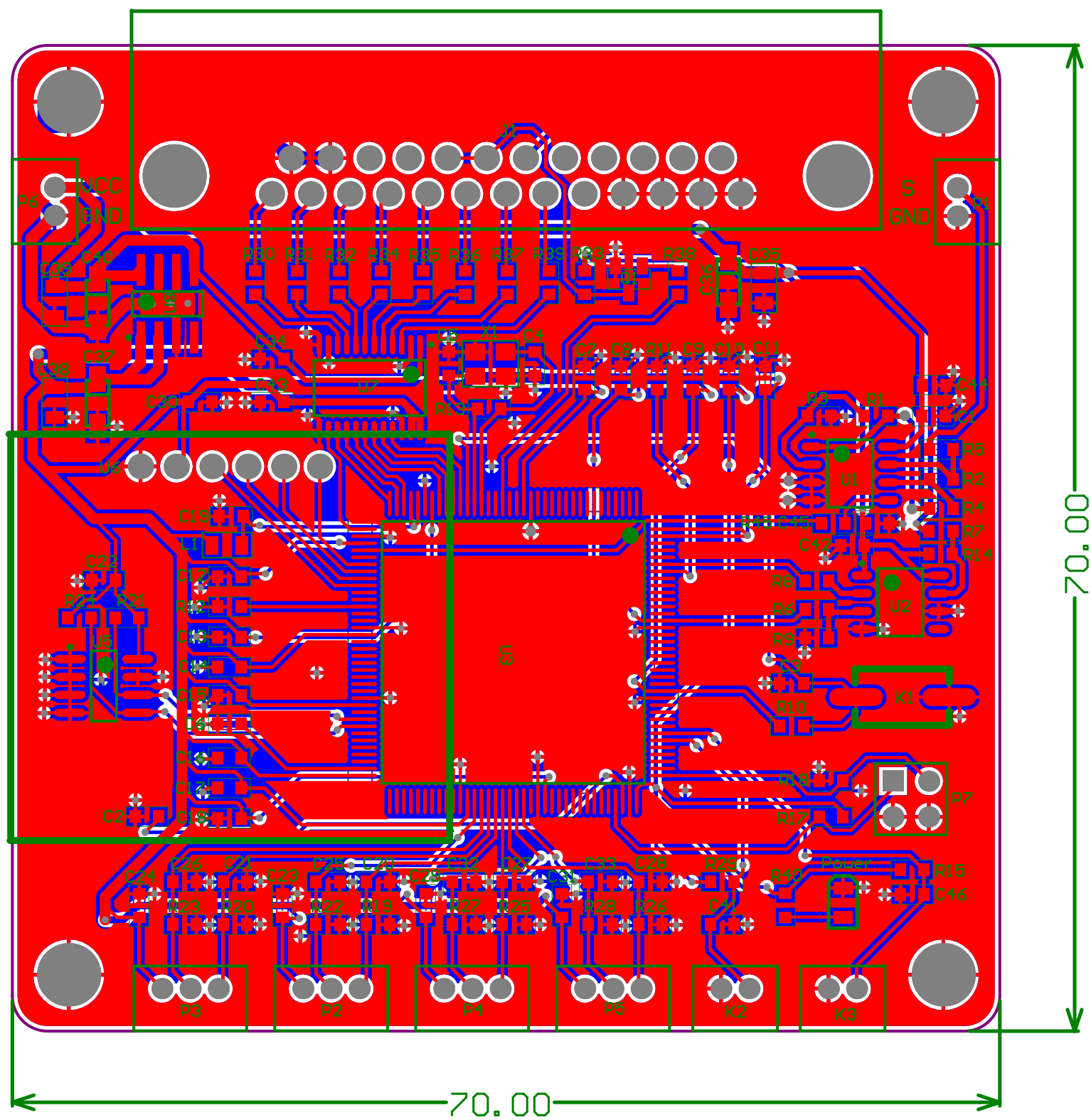


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| A4    |                                     |          |
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| File: | F:\对外项目\信号发生器\PCB\Ven2.0\Modu15.brd | Doc      |





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| A4    |                                     |          |
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| Comment        | Description             | Designator  | Footprint                 | LibRef                              | Name      | Quantity | Value         |
|----------------|-------------------------|---|---------------------------|-------------------------------------|-----------|----------|---------------|
| Capacitor-0603 |                         | C1, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C31, C32, C33, C34, C41, C42, C43, C46 | 0603                      | Capacitor-0603                      |           | 31       | 0.1uF         |
| Capacitor-0603 |                         | C2, C6  | 0603                      | Capacitor-0603                      |           | 2        | 2.2uF         |
| Capacitor-0805 |                         | C3, C19, C30  | 0603                      | Capacitor-0, Capacitor, Capacitor-0 |           | 3        | 0.1uF         |
| Capacitor-0603 |                         | C4, C5  | 0603                      | Capacitor-0603                      |           | 2        | 20pF          |
| Capacitor-0805 |                         | C35, C38, C39   | 0805                      | Capacitor                           |           | 3        | 0.1uf         |
| 电解电容           |                         | C36, C37, C40   | 钽电容1206 (A3216)           | 电解电容                                |           | 3        | 10uF          |
| Capacitor-0603 |                         | C44, C45  | 0603                      | Capacitor-0603                      |           | 2        | 0.01uF        |
| DB25           |                         | J1  | DB25母头                    | DB25                                |           | 1        | DB25母头        |
| 按键             |                         | K1  | 贴片按键                      | 按键                                  |           | 1        |               |
| 按键             |                         | K2, K3  | 2MM接线端子                   | 按键                                  |           | 2        |               |
| Inductor       |                         | L1  | 0805                      | Ind                                 |           | 1        | 10uH          |
| LED            |                         | LED1  | LED-0805                  | LED                                 |           | 1        | LED           |
| 端子             |                         | P1, P6  | 2MM接线端子                   | 端子                                  |           | 2        |               |
| 端子3            |                         | P2, P3, P4, P5  | 3MM接线端子                   | 端子3                                 |           | 4        |               |
| Header 2X2     | Header, 2-Pin, Dual row | P7  | HDR2X2                    | Header 2X2                          |           | 1        |               |
| BC847          |                         | Q1  | BC847B                    | BC847                               | BC847B    | 1        |               |
| Resistor-0603  |                         | R1, R4  | 0603                      | Resistor-0603                       |           | 2        | 20K           |
| Resistor-0603  |                         | R2, R3, R15, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R33   | 0603                      | Resistor-0603                       |           | 15       | 10K           |
| Resistor-0603  |                         | R5, R45   | 0603                      | Resistor-0603                       |           | 2        | 20R           |
| Resistor-0805  |                         | R6, R9, R10, R11, R12, R17, R18   | 0603                      | Resistor-0                          |           | 7        | 10K           |
| Resistor-0603  |                         | R7  | 0603                      | Resistor-0603                       |           | 1        | 50R           |
| Resistor-0603  |                         | R8  | 0603                      | Resistor-0603                       |           | 1        | 100R          |
| Resistor-0603  |                         | R13   | 0603                      | Resistor-0603                       |           | 1        | 1M            |
| Resistor-0603  |                         | R14   | 0603                      | Resistor-0603                       |           | 1        | 200R          |
| Resistor-0603  |                         | R30, R31, R32, R34, R35, R36, R37, R39  | 0603                      | Resistor-0603                       |           | 8        | 1K            |
| Resistor-0603  |                         | R38   | 0603                      | Resistor-0603                       |           | 1        | 4.7K          |
| Resistor-0603  |                         | R40   | 0603                      | Resistor-0603                       |           | 1        | 2K            |
| AD8622         |                         | U1  | LM358-D                   | AD8622                              | AD8622    | 1        |               |
| MAX903         |                         | U2  | LM358-D                   | MAX903                              | MAX903    | 1        |               |
| STM32F407ZGT6  |                         | U3  | Stm32f407ZET6 - duplicate | STM32F407ZET6                       |           | 1        | STM32F407ZET6 |
| AT24C02        |                         | U5  | AT24C02                   | AT24C02                             | AT24C02   | 1        |               |
| OLED           |                         | U6  | OLED                      | O                                   | OLED      | 1        |               |
| 74LVC4245      |                         | U7  | 74LVC4245-PW              | 74LVC4245                           | 74LVC4245 | 1        |               |
| LT1963         |                         | U8  | LT1963                    | L                                   |           | 1        |               |
| 3225无源晶振       |                         | X1  | 3225无源晶振                  | 3225无源晶振                            |           | 1        | 8M            |
|                |                         |   |                           |                                     |           |          |               |