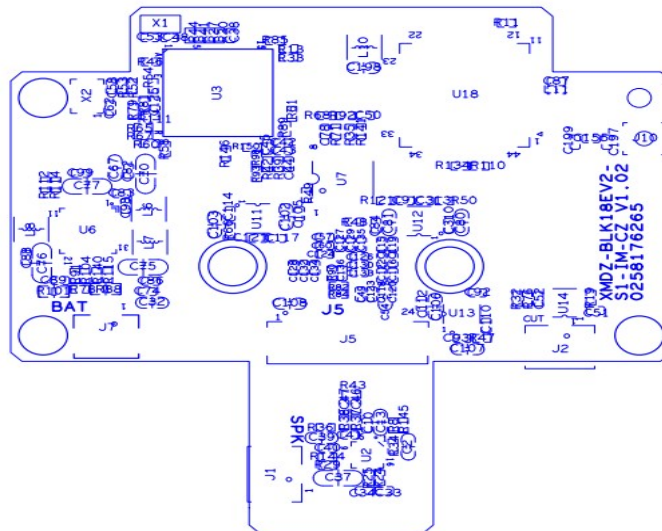
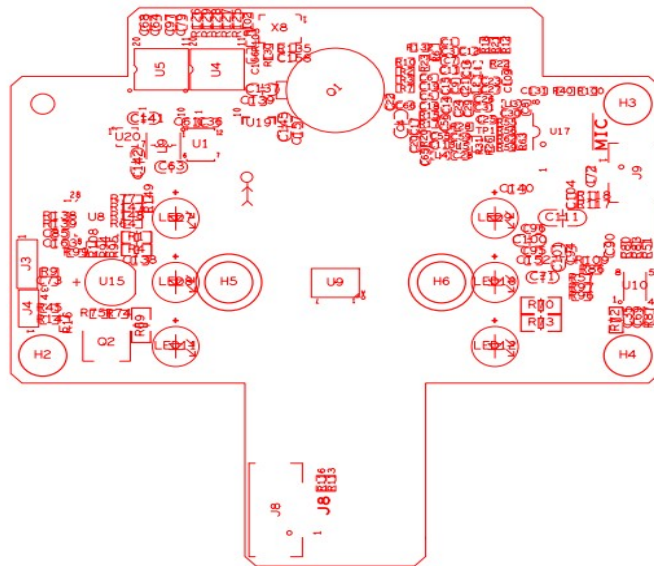


**XMDZ-BLK18EV2-S1-IM-CZ-V1\_02**



| sig<br>n | Socket | Specific<br>No | Interface<br>Description | Function              |
|----------|--------|----------------|--------------------------|-----------------------|
| P1       | Q1     | 1              | +3.3V_PIR                | +3.3V_PIR             |
|          |        | 2              | PIR_OUT                  | PIR output            |
|          |        | 3              | GND                      | GND                   |
| P2       | J2     | 1              | OUT1                     | ICR out1              |
|          |        | 2              | OUT2                     | ICR out 2             |
| P3       | J8     | 1              | MCU_LED1                 | Doorbell<br>indicator |
|          |        | 2              | MCU_LED2                 | Doorbell<br>indicator |
|          |        | 3              | SET_GPIO03               | signal                |
|          |        | 4              | GND                      | GND                   |

|    |    |    |                |                 |
|----|----|----|----------------|-----------------|
|    |    | 5  | +3.3V_PIR      | +3.3V PIR power |
| P4 | J4 | 1  | UART0_RXD      | UART0_RXD       |
|    |    | 2  | UART0_TXD      | UART0_TXD       |
|    |    | 3  | GND            | GND             |
| P5 | J3 | 1  | +1.8V_STB      | +1.8V           |
|    |    | 2  | SWIM           | SWIM            |
|    |    | 3  | GND            | GND             |
|    |    | 4  | NRST           | NRST            |
| P6 | J9 | 1  | MIC_P          | MIC_P           |
|    |    | 2  | GND            | GND             |
| P7 | J7 | 1  | LI-BAT         | LI-BAT          |
|    |    | 2  | GND            | GND             |
| P8 | J1 | 1  | VOP            | VOP             |
| P1 | Q1 | 2  | VON            | VON             |
| P9 | J5 | 1  | +5V            | +5V             |
|    |    | 2  | +5V            | +5V             |
|    |    | 3  | +5V            | +5V             |
|    |    | 4  | GND            | GND             |
|    |    | 5  | GND            | GND             |
|    |    | 6  | GND            | GND             |
|    |    | 7  | USB_DM         | USB_DM          |
|    |    | 8  | USB_DP         | USB_DP          |
|    |    | 9  | GND            | GND             |
| P7 | J7 | 10 | CARD_DETECT    | CARD_DETECT     |
|    |    | 11 | SD_EN          | SD_EN           |
| P6 | J5 | 12 | SDIO1_CDATA0   | SDIO1_CDATA 0   |
|    |    | 13 | SDIO1_CDATA1   | SDIO1_CDATA 1   |
|    |    | 14 | SDIO1_CDATA2   | SDIO1_CDATA 2   |
|    |    | 15 | SDIO1_CDATA3   | SDIO1_CDATA 3   |
|    |    | 16 | SDIO1_CCMD     | SDIO1_CCMD      |
|    |    | 17 | SDIO1_CCLK_OUT | SDIO1_CCLK_OUT  |
|    |    | 18 | GND            | GND             |
|    |    | 19 | 433_DATA       | 433_DATA        |
|    |    | 20 | SW_ON/OFF      | SW_ON/OFF       |
| P7 | J7 | 21 | GND            | GND             |
|    |    | 22 | SDIO1_VOUT     | SDIO1_VOUT      |

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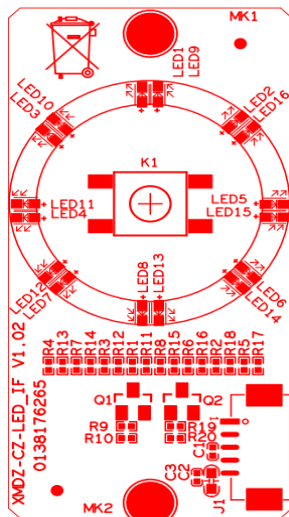
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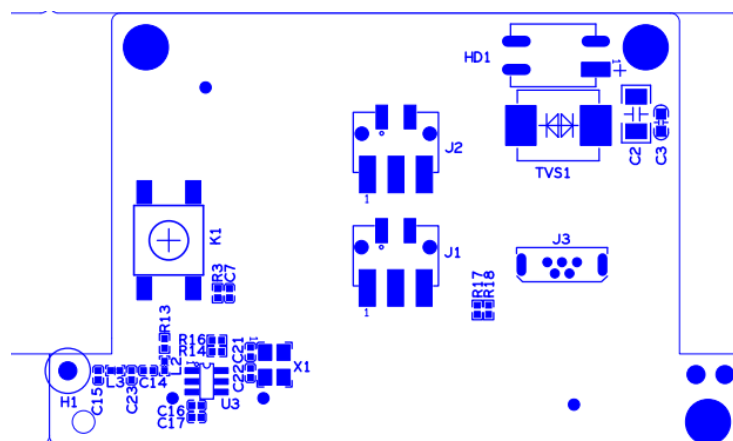
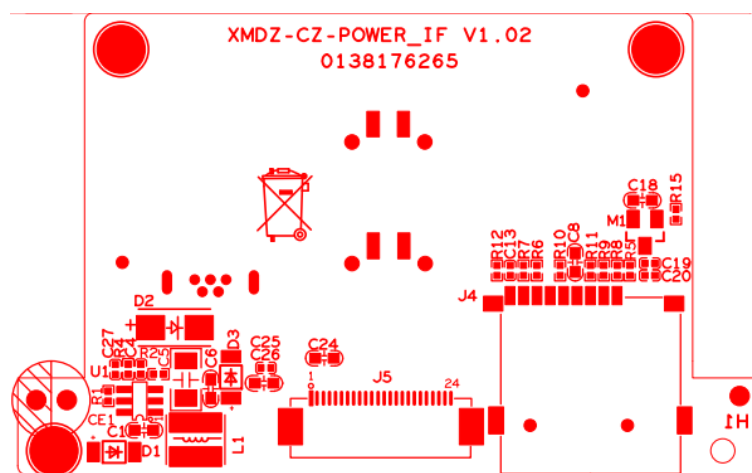
|  |  |    |       |       |
|--|--|----|-------|-------|
|  |  | 23 | GND   | GND   |
|  |  | 24 | +3.3V | +3.3V |

### BRD\_XMDZ-CZ-LED\_IF-V1\_02



| sign | Socket | Specific No | Interface Description | Function   |
|------|--------|-------------|-----------------------|------------|
| P1   | K1     | 1           | GND                   | GND        |
|      |        | 2           | GND                   | GND        |
|      |        | 3           | SET_GPIO03            | SET_GPIO03 |
|      |        | 4           | SET_GPIO03            | SET_GPIO03 |
| P2   | J1     | 1           | MCU_LED1              | MCU_LED1   |
|      |        | 2           | MCU_LED2              | MCU_LED2   |
|      |        | 3           | GND                   | GND        |
|      |        | 5           | +3.3V                 | +3.3V      |

### BRD\_XMDZ-CZ-POWER\_IF-V1\_02



| sign | Socket | Specific No | Interface Description | Function |
|------|--------|-------------|-----------------------|----------|
| P1   | J1     | 1           | AC24+                 | AC24+    |
|      |        | 2           | AC24+                 | AC24+    |
|      |        | 3           | AC24+                 | AC24+    |
| P2   | J2     | 1           | AC24-                 | AC24-    |
|      |        | 2           | AC24-                 | AC24-    |
|      |        | 3           | AC24-                 | AC24-    |
| P3   | J3     | 1           | +5V                   | +5V      |
|      |        | 2           | USB_DM                | USB_DM   |
|      |        | 3           | USB_DP                | USB_DP   |
|      |        | 5           | GND                   | GND      |
| P4   | J5     | 1           | +3.3V                 | +3.3V    |
|      |        | 2           | GND                   | GND      |

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|    |    |    |                |                |
|----|----|----|----------------|----------------|
|    |    | 3  | SDIO1_VOUT     | SDIO1_VOUT     |
|    |    | 4  | GND            | GND            |
|    |    | 5  | SW_ON/OFF      | SW_ON/OFF      |
|    |    | 6  | 433_DATA       | 433_DATA       |
|    |    | 7  | GND            | GND            |
|    |    | 8  | SDIO1_CCLK_OUT | SDIO1_CCLK_OUT |
|    |    | 9  | SDIO1_CCMD     | SDIO1_CCMD     |
|    |    | 10 | SDIO1_CDATA3   | SDIO1_CDAT A3  |
|    |    | 11 | SDIO1_CDATA2   | SDIO1_CDAT A2  |
|    |    | 12 | SDIO1_CDATA1   | SDIO1_CDAT A1  |
|    |    | 13 | SDIO1_CDATA0   | SDIO1_CDAT A0  |
|    |    | 14 | SD_EN          | SD_EN          |
|    |    | 15 | CARD_DETECT    | CARD_DETEC T   |
|    |    | 16 | GND            | GND            |
|    |    | 17 | USB_DM         | USB_DM         |
|    |    | 18 | USB_DP         | USB_DP         |
|    |    | 19 | GND            | GND            |
|    |    | 20 | GND            | GND            |
|    |    | 21 | GND            | GND            |
|    |    | 22 | +5V            | +5V            |
|    |    | 23 | +5V            | +5V            |
|    |    | 24 | +5V            | +5V            |
| P5 | J4 | 1  | SDIO1_CDATA2   | SDIO1_CDAT A2  |
|    |    | 2  | SDIO1_CDATA3   | SDIO1_CDAT A3  |
|    |    | 3  | SDIO1_CCMD     | SDIO1_CCMD     |
|    |    | 4  | +3.3VSD        | +3.3VSD        |
|    |    | 5  | SDIO1_CCLK_OUT | SDIO1_CCLK_OUT |
|    |    | 6  | GND            | GND            |
|    |    | 7  | SDIO1_CDATA0   | SDIO1_CDAT A0  |
|    |    | 8  | SDIO1_CDATA1   | SDIO1_CDAT A1  |
|    |    | 9  | CARD_DETECT    | CARD_DETEC     |

|    |    |   |       |       |
|----|----|---|-------|-------|
|    |    |   |       | T     |
| P6 | K1 | 1 | GND   | GND   |
|    |    | 2 | GND   | GND   |
|    |    | 3 | +3.3V | +3.3V |
|    |    | 4 | RESET | RESET |