J9 Extension interface

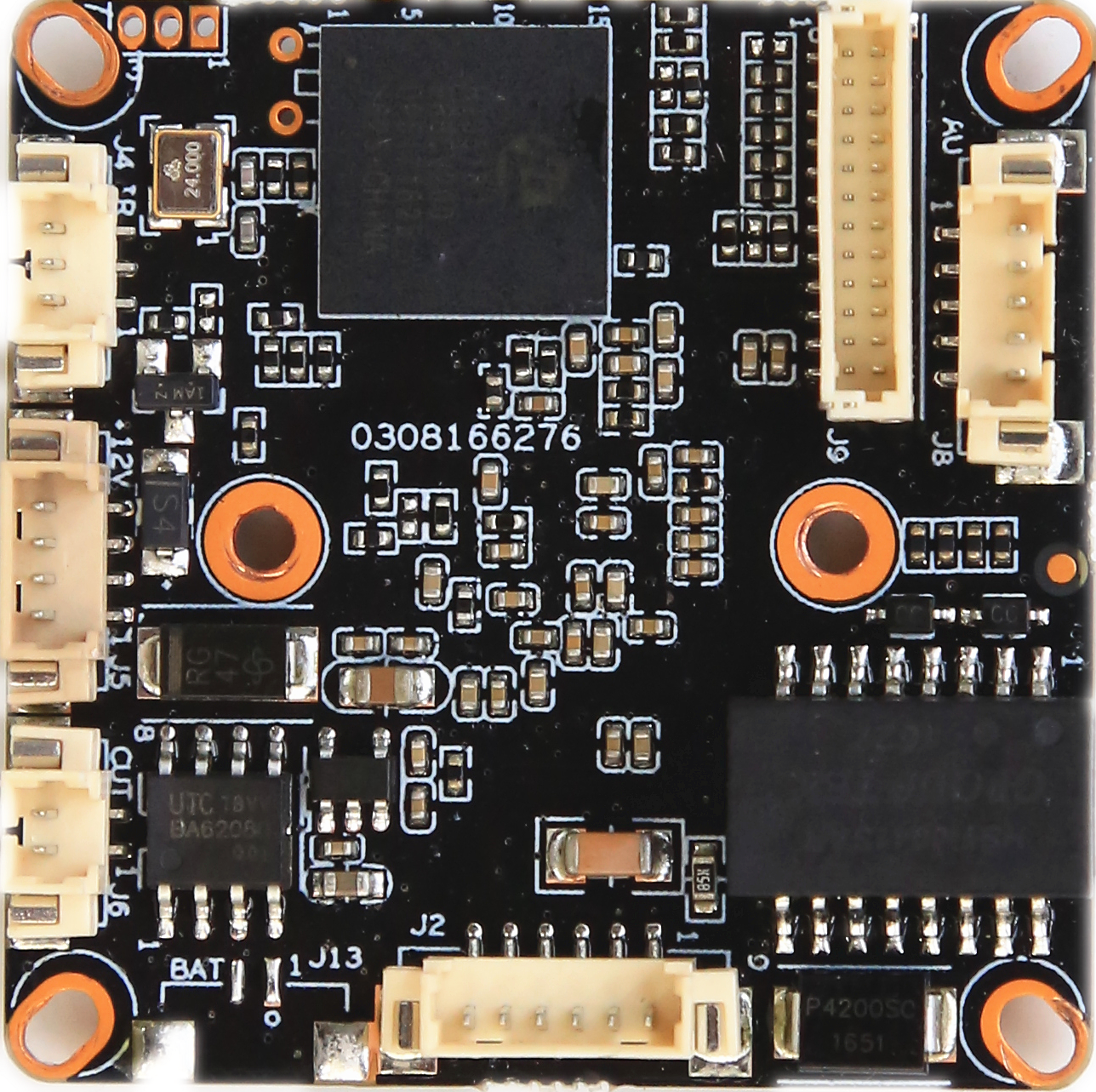
J4 Infrared

J2 Ethernet

J8 audio alarm

J6 ICR

J5 power



BLK18EV-0065-0130-RTC-38X38-V1\_01 Interface Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| sign | Socket | Specific No | Interface Description | Function |
| P1 | J5 | 1 | NC | Undefined |
| 2 | NC | Undefined |
| 3 | GND | GND |
| 4 | +12V | 12V DC input |
| P2 | J2 | 1 | ETHTR- | Ethernet signal |
| 2 | ETHTR+ | Ethernet signal |
| 3 | LED/PHY\_AD3 | LED |
| 4 | ETHTX- | Ethernet signal |
| 5 | ETHTX+ | Ethernet signal |
| 6 | LED/PHY\_AD0 | LED |
| P3 | J3 | 1 | UART0\_RXD |  |
| 2 | UART0\_TXD |  |
| 3 | GND |  |
| P4 | J4 | 1 | Infrared input | Infrared input |
| 2 | GND | GND |
| 3 | NC | NC |
| P5 | J6 | 1 | IRCUT\_A | IRCUT output |
| 2 | IRCUT\_B | IRCUT output |
| P6 | J8 | 1 | AC\_OUT | AC\_OUT |
| 2 | MIC\_P | MIC\_P |
| 3 | AGND | GND |
| 4 | ALARM\_IN | ALARM\_IN |
| 5 | GND | GND |
| P7 | J9 | 1 | SDIO1\_CCLK\_ | SDIO1\_CCLK\_ |
| 2 | SDIO1\_CCMD | SDIO1\_CCMD |
| 3 | SDIO1\_CDATA0 | SDIO1\_CDATA0 |
| 4 | SDIO1\_CDATA1 | SDIO1\_CDATA1 |
| 5 | SDIO1\_CDATA2 | SDIO1\_CDATA2 |
| 6 | SDIO1\_CDATA3 | SDIO1\_CDATA3 |
| 7 | KEY\_GPIO | KEY\_GPIO |
| 8 | GND | GND |
| 9 | USB\_DP | USB\_DP |
| 10 | USB\_DM | USB\_DM |
| 11 | +5V | +5V |
| 12 | USB\_CTRL | USB\_CTRL |