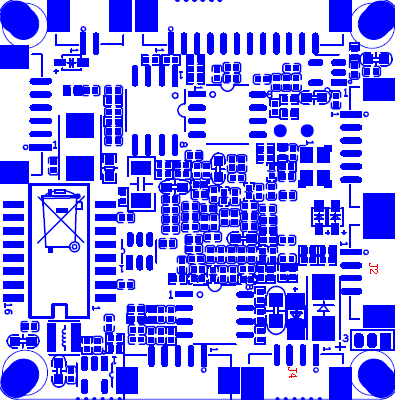
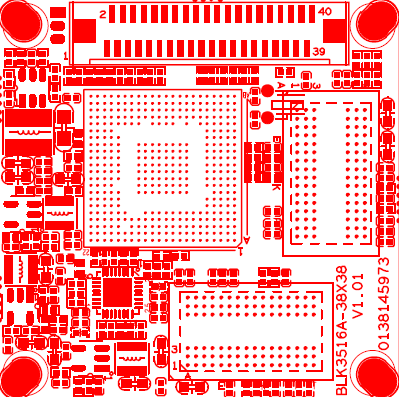
BLK16D-38X38-AF-V1\_01 Interface Description



P4 RTC battery

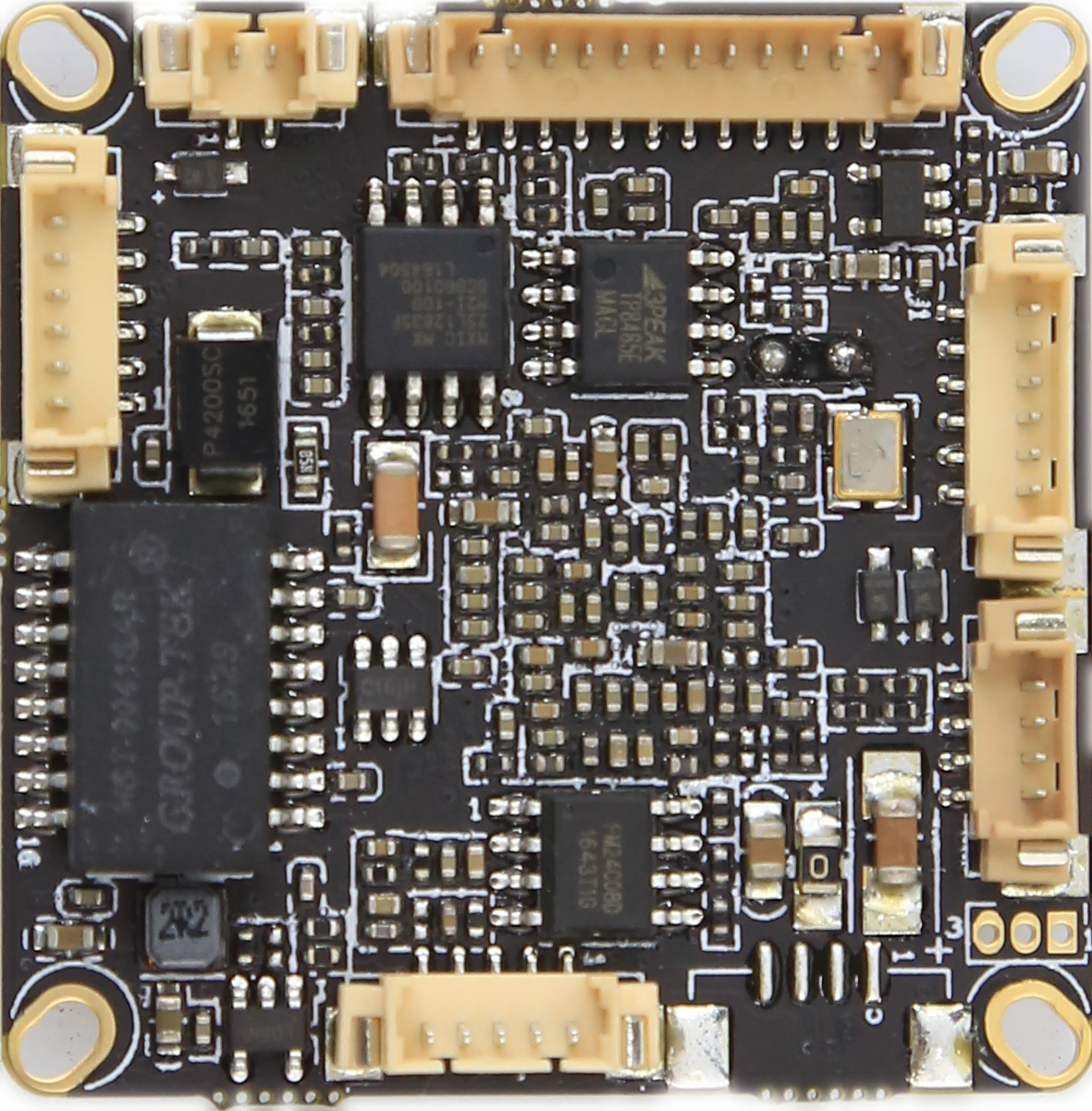
P7 SD、ALARM

P1 power

P6 PTZ

P3 Audio

P2 Ethernet



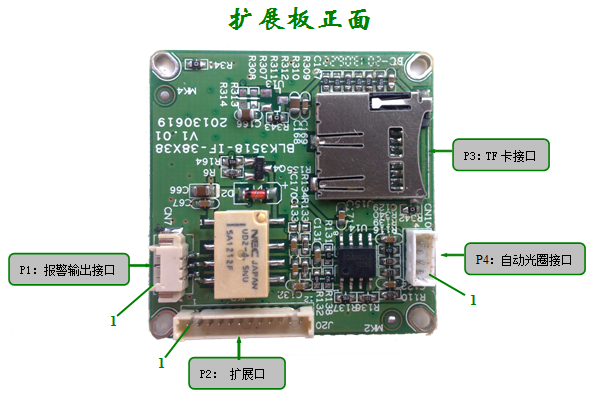
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| sign | Socket | Specific No | Interface Description | Function |
| P1 | J2 | 1 | NC | Undefined |
| 2 | NC | Undefined |
| 3 | GND | GND |
| 4 | +12V | 12V DC input |
| P2 | J8 | 1 | ETHTR- | Ethernet signal |
| 2 | ETHTR+ | Ethernet signal |
| 3 | LED/PHY\_AD3 | LED |
| 4 | ETHTX- | Ethernet signal |
| 5 | ETHTX+ | Ethernet signal |
| 6 | LED/PHY\_AD0 | LED |
| P3 | J6 | 1 | GND | GND |
| 2 | VDAC\_CVBS | VDAC\_CVBS |
| 3 | AGND | AGND |
| 4 | AC\_OURL | speaker\_OUT |
| 5 | AC\_LINEL | MIC\_P |
| P4 | J7 | 1 | GND | GND |
| 2 | VBAT | VBAT |
| P5 | J3 | 1 | UART\_RXD |  |
| 2 | UART\_TXD |  |
| 3 | GND | GND |
| P6 | J4 | 1 | GND | GND |
| 2 | USB\_DP | USB\_DP |
| 3 | USB\_DM | USB\_DM |
| 4 | +5V | +5V |
| P7 | CN1 | 1 | ALARM\_IN1 | ALARM\_IN1 |
| 2 | GND | GND |
| 3 | ALARM\_IN2 | ALARM\_IN2 |
| 4 | GND | GND |
| 5 | RS485A | RS485A |
| 6 | RS485B | RS485B |
| P9 | J1 | 1 | (12v) | 12V DC input |
| 2 | (12v) | 12V DC input |
| 3 | GND | GND |
| 4 | GND | GND |
| 5 | (5v) | 5V DC input |
| 6 | GND | GND |
| 7 | DOUT7 | Video signal output |
| 8 | DOUT6 | Video signal output |
| 9 | DOUT5 | Video signal output |
| 10 | DOUT4 | Video signal output |
| 11 | DOUT3 | Video signal output |
| 12 | DOUT2 | Video signal output |
| 13 | DOUT1 | Video signal output |
| 14 | DOUT0 | Video signal output |
| 15 | VIDEOIN\_HD | VIDEOIN\_HD |
| 16 | VIDEOIN\_PCLK | VIDEOIN\_PCLK |
| 17 | VIDEOIN\_VD | VIDEOIN\_VD |
| 18 | GND | GND |
| 19 | NC | NC |
| 20 | SCL | SCL |
| 21 | NC | NC |
| 22 | MCBSP\_DR\_SPI1\_EN | SPI |
| 23 | NC | NC |
| 24 | REDCTRL | REDCTRL |
| 25 | GND | GND |
| 26 | GND | GND |
| 27 | GND | GND |
| 28 | 1.8V output | 1.8V output |
| 29 | SDA | I2C SDA |
| 30 | NC | NC |
| 31 | NC | NC |
| 32 | NC | NC |
| 33 | NC | NC |
| 34 | DOUT11 | Video signal output |
| 35 | DOUT10 | Video signal output |
| 36 | DOUT9 | Video signal output |
| 37 | DOUT8 | Video signal output |
| 38 | IRCUT | IRCUT |
| 39 | IRCUT | IRCUT |
| 40 | GND | GND |

P1 ALARM out

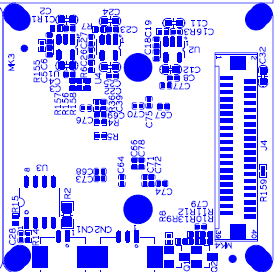
P2 Extension

P4 Auto iris

P3 SD card



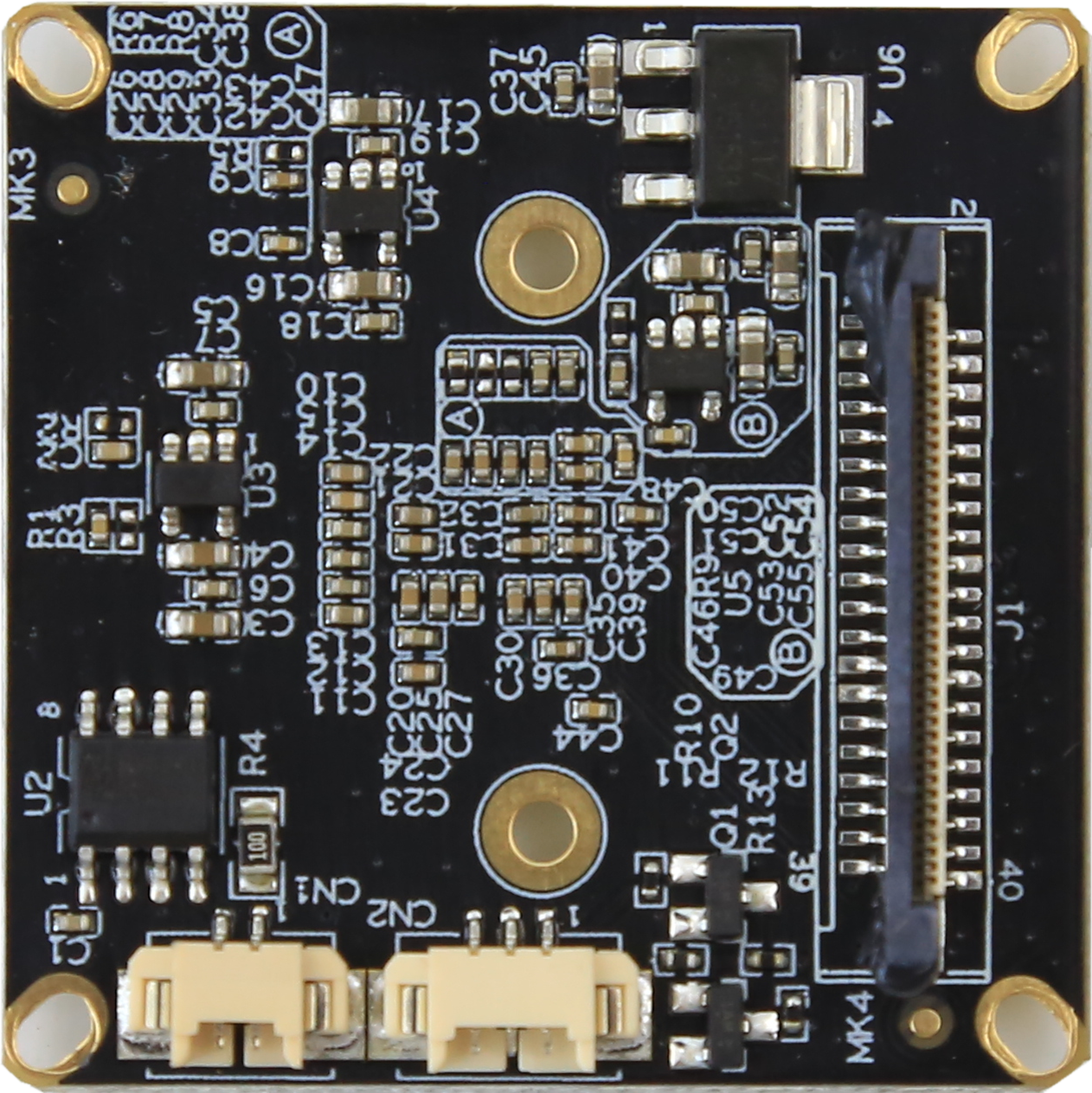
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| sign | Socket | Specific No | Interface Description | Function |
| P1 | CN7 | 1 | ALARM NO | ALARM output |
| 2 | ALARM COM | ALARM COM |
| 3 | GND | GND |
| P2 | J20 | 1 | GND | GND |
| 2 | 5V | 5V DC input |
| 3 | 3.3V | 3.3V DC input |
| 4 | GPIO32 | ALARM output |
| 5 | GPIO53 | PWM output |
| 6 | - | - |
| 7 | SD\_CLK | SD\_CLK |
| 8 | SD\_CMD | SD\_CMD |
| 9 | SD\_DATA3 | SD\_DATA3 |
| 10 | SD\_DATA2 | SD\_DATA2 |
| 11 | SD\_DATA1 | SD\_DATA1 |
| 12 | SD\_DATA0 | SD\_DATA0 |
| P4 | CN10 | 1 | IRIS\_CON- | IRIS\_CON- |
| 2 | IRIS\_CON+ | IRIS\_CON+ |
| 3 | IRIS\_DRV | IRIS\_DRV |
| 4 | GDN | GDN |
|  | |



P1 Extension interface

P2 Infrared

P3 IR-CUT



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P1 | J4 | 1 | (12v) | 12V DC input |
| 2 | (12v) | 12V DC input |
| 3 | GND | GND |
| 4 | GND | GND |
| 5 | (5v) | 5V DC input |
| 6 | GND | GND |
| 7 | DOUT7 | Video signal output |
| 8 | DOUT6 | Video signal output |
| 9 | DOUT5 | Video signal output |
| 10 | DOUT4 | Video signal output |
| 11 | DOUT3 | Video signal output |
| 12 | DOUT2 | Video signal output |
| 13 | DOUT1 | Video signal output |
| 14 | DOUT0 | Video signal output |
| 15 | VIDEOIN\_HD | VIDEOIN\_HD |
| 16 | VIDEOIN\_PCLK | VIDEOIN\_PCLK |
| 17 | VIDEOIN\_VD | VIDEOIN\_VD |
| 18 | GND | GND |
| 19 | NC | NC |
| 20 | SCL | SCL |
| 21 | NC | NC |
| 22 | MCBSP\_DR\_SPI1\_EN | SPI |
| 23 | NC | NC |
| 24 | REDCTRL | REDCTRL |
| 25 | GND | GND |
| 26 | GND | GND |
| 27 | GND | GND |
| 28 | 1.8V DC input | 1.8V DC input |
| 29 | SDA | I2C SDA |
| 30 | NC | NC |
| 31 | NC | NC |
| 32 | NC | NC |
| 33 | NC | NC |
| 34 | DOUT11 | Video signal output |
| 35 | DOUT10 | Video signal output |
| 36 | DOUT9 | Video signal output |
| 37 | DOUT8 | Video signal output |
| 38 | IRCUT | IRCUT |
| 39 | IRCUT | IRCU |
| 40 | GND | GND |
| P2 | CN2 | 1 | Led | Led |
| 2 | GND | GND |
| 3 | NC | NC |
| P3 | CN1 | 1 | IRCUT | IRCUT input control |
| 2 | IRCUT | IRCUT input control |