J8

23 21 ...5 3 1

24 22 ...6 4 2

J4

1 2 3 4

  

J9

 8 7 6...3 2 1

J25

2 1

J26

2

1

J30

2

1

|  |  |  |  |
| --- | --- | --- | --- |
| Socket | Specific No | Interface Description | Function |
| J9 | 1 | KEY\_SET | KEY\_SET | Connect the tail line of the camera module |
| 2 | LED1 | LED/PHY\_AD1 |
| 3 | ETHTX+ | Ethernet signal+ |
| 4 | ETHTX- | Ethernet signal- |
| 5 | ETHRX+ | Ethernet signal+ |
| 6 | ETHRX- | Ethernet signal- |
| 7 | GND | GND |
| 8 | 12V | 12V DC input |
| J26 | 1 | MICIN | MIC IN- | Connect the pickup |
| 2 | MICIP | MIC IP+ |
| J25 | 1 | SPKN | SPKN- | Connect the speakers |
| 21 | SPKP | SPKP+ |
| J30 | 1 | RTC\_BAT | RTC\_BAT | Connect the RTC Battery |
| 2 | GND | GND |
| J4 | 1 | GND | GND | Serial port debugging seat |
| 2 | UART0\_TXD | UART0\_TXD |
| 3 | UART0\_RXD | UART0\_RXD |
| 4 | BOOTSEL\_0 | BOOTSEL\_0 |
| J8 | 1 | I\_MIPI\_DATA1N | I\_MIPI\_DATA1N | Connect the sensor module |
| 2 | I\_MIPI\_DATA1P | I\_MIPI\_DATA1P |
| 3 | I\_MIPI\_DATA2N | I\_MIPI\_DATA2N |
| 4 | I\_MIPI\_DATA2P | I\_MIPI\_DATA2P |
| 5 | I\_MIPI\_DATA3N | I\_MIPI\_DATA3N |
| 6 | I\_MIPI\_DATA3P | I\_MIPI\_DATA3P |
| 7 | I\_MIPI\_CLKP | I\_MIPI\_CLKP |
| 8 | I\_MIPI\_CLKN | I\_MIPI\_CLKN |
| 9 | I\_MIPI\_DATA0P | I\_MIPI\_DATA0P |
| 10 | I\_MIPI\_DATA0N | I\_MIPI\_DATA0N |
| 11 | GND | GND |
| 12 | ADC1\_IN | ADC1\_IN |
| 13 | SEN0\_MCLK | SEN0\_MCLK |
| 14 | GND | GND |
| 15 | SDA | SDA |
| 16 | SCL | SCL |
| 17 | IRCUT\_A | IRCUT\_A |
| 18 | IRCUT\_B | IRCUT\_B |
| 19 | IR\_CTRL/ALARM\_IN | IR\_CTRL/ALARM\_IN |
| 20 | GND | GND |
| 21 | LED\_CTRL/ALARM\_OUT | LED\_CTRL/ALARM\_OUT |
| 22 | PWM | PWM |
| 23 | GND | GND |
| 24 | +5V | +5V |

J1

1 2

 

J7

1

2

3

4

J4

3 2 1

J8

23 21 ...5 3 1

24 22 ...6 4 2

|  |  |  |  |
| --- | --- | --- | --- |
| Socket | Specific No | Interface Description | Function |
| J1 | 1 | IR\_CUTA | IR-CUT Control line A | Connect IR-CUT |
| 2 | IR\_CUTB | IR-CUT Control line B |
| J4 | 1 | IR | IR | Infrared signal input |
| 2 | GND | GND |
| 3 | PWM | PWM |
| J7 | 1 | IR\_CTRL/ALARM\_IN | IR\_CTRL/ALARM\_IN | GPIO |
| 2 | GND | GND |
| 3 | GND | GND |
| 4 | LED\_CTRL/ALARM\_OUT | LED\_CTRL/ALARM\_OUT |
| J8 | 24 | I\_MIPI\_DATA1N | I\_MIPI\_DATA1N | Connect the main module |
| 23 | I\_MIPI\_DATA1P | I\_MIPI\_DATA1P |
| 22 | I\_MIPI\_DATA2N | I\_MIPI\_DATA2N |
| 21 | I\_MIPI\_DATA2P | I\_MIPI\_DATA2P |
| 20 | I\_MIPI\_DATA3N | I\_MIPI\_DATA3N |
| 19 | I\_MIPI\_DATA3P | I\_MIPI\_DATA3P |
| 18 | I\_MIPI\_CLKP | I\_MIPI\_CLKP |
| 17 | I\_MIPI\_CLKN | I\_MIPI\_CLKN |
| 16 | I\_MIPI\_DATA0P | I\_MIPI\_DATA0P |
| 15 | I\_MIPI\_DATA0N | I\_MIPI\_DATA0N |
| 14 | GND | GND |
| 13 | ADC1\_IN | ADC1\_IN |
| 12 | SEN0\_MCLK | SEN0\_MCLK |
| 11 | GND | GND |
| 10 | SDA | SDA |
| 9 | SCL | SCL |
| 8 | IRCUT\_A | IRCUT\_A |
| 7 | IRCUT\_B | IRCUT\_B |
| 6 | IR\_CTRL/ALARM\_IN | IR\_CTRL/ALARM\_IN |
| 5 | GND | GND |
| 4 | LED\_CTRL/ALARM\_OUT | LED\_CTRL/ALARM\_OUT |
| 3 | PWM | PWM |
| 2 | GND | GND |
| 1 | +5V | +5V |