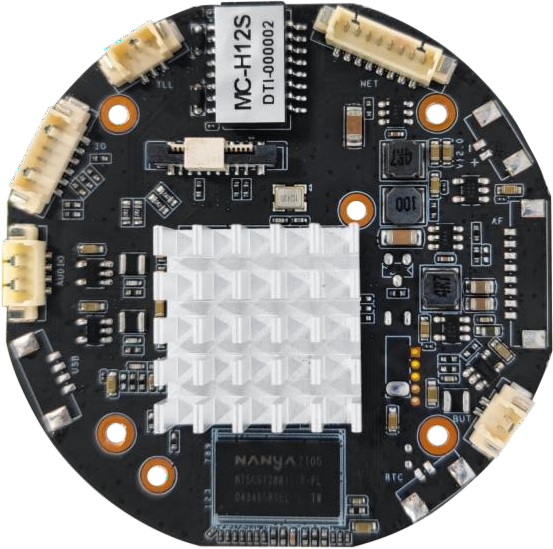
# A12S77 Wiring



1

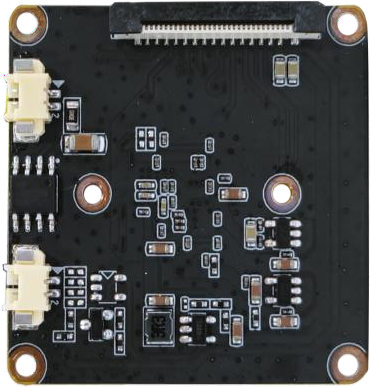
D5：2 pin Reset

D4：4 pin Audio

D3：6 pin Serial port

D2：3 pin Infrared signal control

D1：8 pin net&power



1

D7：2 pin CDS

D6：2 pin IR-CUT

**The white arrow points to the first pin**

# Interface pin definition

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Function** | **Number** | **Definition** | **Function of pin** |
| **D1** | 8 pin Net&Power | 1 | DC 12V+ | DC 12V |
| 2 | GND | GND |
| 3 | RJ45\_6 | RJ45\_6 RX- |
| 4 | RJ45\_3 | RJ45\_3 RX+ |
| 5 | RJ45\_2 | RJ45\_2 TX- |
| 6 | RJ45\_1 | RJ45\_1 TX+ |
| 7 | LED+ | LED |
| 8 | LED+ | LED |
| **D2** | 3 pin Infrared signal | 1 | PWM0 | White(warm)light |
| 2 | PWM1 | Infrared light |
| 3 | GND | GND |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **D3** | 6 pin Serial port | 1 | GND | GND |  |
| 2 | AF\_TX | AF Autofocus |
| 3 | AF\_RX | NC |
| 4 | AF\_TX | - |
| 5 | AF\_RX | - |
| 6 | SPK\_EN | Amplifier IO |
| **D4** | 4 pin audio | 1 | GND | GND |
| 2 | AUDIO\_OUT | Speaker |
| 3 | AUDIO\_IN | Audio Pickup |
| 4 | GND | GND |
| **D5** | 2 pin RESET | 1 | RESET | RESET |
| 2 | GND | GND |
| **D6** | 2 pin IR-CUT | 1 | IR-CUT | Filter switcher |
| 2 | IR-CUT | Filter switcher |
| **D7** | 2 pin LED CDS | 1 | CDS\_IN | LED signal in |
| 2 | GND | GND |