# 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 |