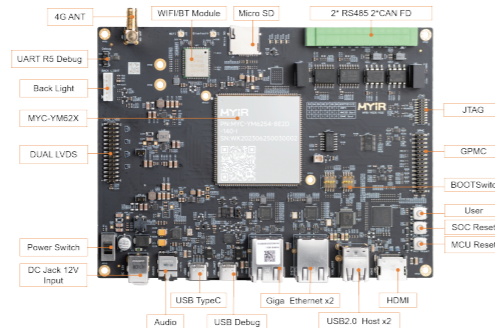


MYD-YM62X

快速使用指南

1.硬件接口及注意事项



MYD-YM62X开发板正面接口图

注意事项：

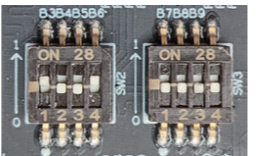
1. 板卡出厂时已经烧入了出厂镜像程序在核心板的 eMMC 中,您只需要按下面步骤就可以开机启动(请确保板卡设置在 eMMC 启动)。
2. 请使用出厂配套的 12V 电源适配器,以避免损坏板卡。

2.快速操作指引

第一步:设置BOOT选择

设置拨码开关为 eMMC 启动模式。

| 启动方式 | B3:B4:B5:B6 | B7:B8:B9 |
|---------|-------------|----------|
| OSPI 启动 | 0111 | 001 |
| SD 启动 | 0001 | 001 |
| eMMC 启动 | 1001 | 000 |



图中为 EMMC 启动

注意事项：

拨码开关上 ON 为 1,OFF 为 0

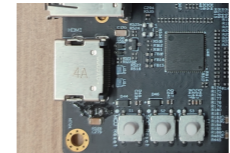
第二步:连接调试串口线

用 USB Type-C 数据线缆连接 PC 端和开发板连接器(J12)



第三步:连接HDMI显示器

使用 HDMI 线缆连接板子 J29 和 HDMI 显示器,如无需显示,也可以不连接。



第四步:连接电源线

使用标配 12V 电源供电,插入开发板电源接口(J1),在完成下一步打开串口终端后,将电源开关 SW1 拨为下图所示位置启动开发板。



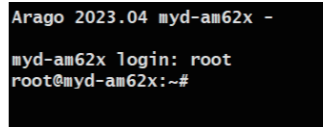
第五步:打开调试串口,配置参数,开始调试

在主机打开串口终端软件,选择串口为 USB-Enhanced-SERIAL-A CH342 对应的 COM 口,配置如下参数:

| 波特率 | 数据位 | 停止位 | 极性 | 其他 |
|--------|-----|-----|----|-----|
| 115200 | 8 位 | 1 位 | 无 | 无流控 |

用户名: root, 密码: 无

启动完成后串口终端输出信息如下,root 用户成功登录。



产品资料链接

down.myir-tech.com/MYD-YM62X

技术支持

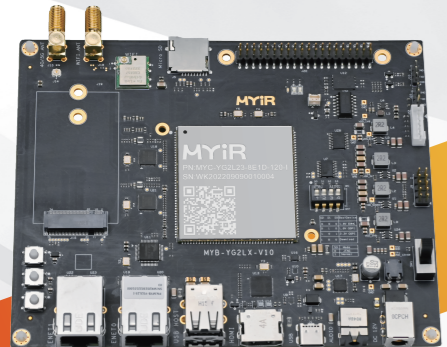
如您遇到使用问题,欢迎与我们取得联系。

邮 箱: support.cn@myir.cn

武汉电话: 027 5962 1648

深圳电话: 0755 2231 6235

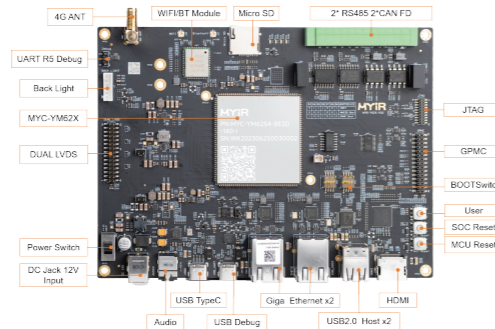
网 址: www.myir.cn



MYD-YM62X Development Kit

Quick Start Guide

1. Hardware Interface



Top View of MYD-YM62X Development Kit

Note:

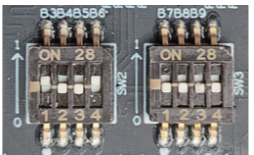
1. The board has already burned the factory image program in the eMMC of the CPU module before delivery. You only need to follow the following steps to boot the board (please make sure the board is set to eMMC boot mode).
2. Please use the 12V power adapter coming with the board to avoid damage.

2.Quick steps to hands-on

Step1: Configure the boot options

Set the switch to boot from eMMC.

| Startup mode | B3:B4:B5:B6 | B7:B8:B9 |
|----------------|-------------|----------|
| Boot from OSPI | 0111 | 001 |
| Boot from SD | 0001 | 001 |
| Boot from eMMC | 1001 | 000 |



The figure above shows the eMMC boot mode

Note:

The Dip switch is 1 when ON and 0 when OFF.

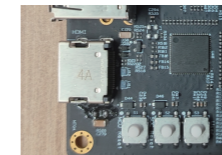
Step 2: Connect debug port to PC

Connect the PC end and the development board connector (J12) using a USB Type-C data cable.



Step 3: Connect the power cable

Use 12V power supply and plug it into the power port (J1) of the development board.



Step 4: Turn on the power

Connect 12V power adapter to the power-in connector(J1), After completing the next step of opening the serial terminal, move the power switch SW1 to the position shown in the following picture to start the development board.

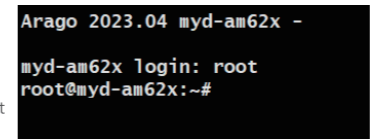


Step 5: Set serial port Parameters

To open the serial terminal software on the host computer, select the USB-Enhanced-SERIAL-A CH342 corresponding COM port. Configure the following parameters:

| Baud rate | Data bits | Stop bit | Parity | Other |
|-----------|-----------|----------|--------|-----------------|
| 115200 | 8 | 1 | No | No Flow control |

User:root,Passwd: no
The serial terminal output information is as follows.



Download Software and Documents

d.myirtech.com/MYD-YM62X

Technical Support

Please do not hesitate to contact us for technical support:

Email: support@myirtech.com

Telephone: (+86) 0755 22984836

Website: www.myirtech.com