MYS-7Z010_20-V2 Development Kit Quick Start Guide
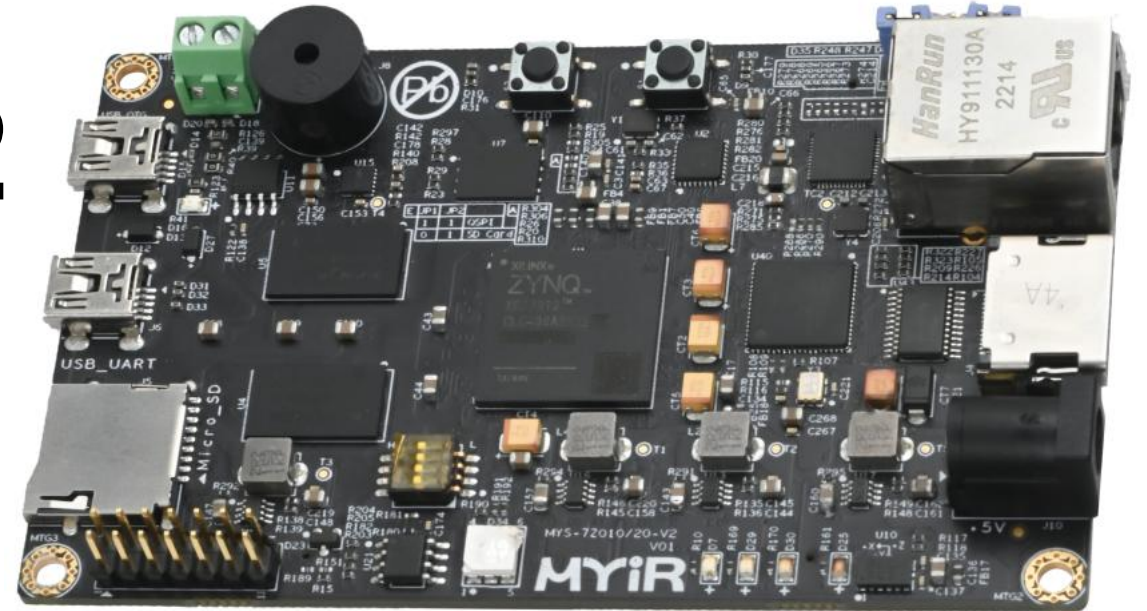
★ **Software and Documents can be accessed at:**
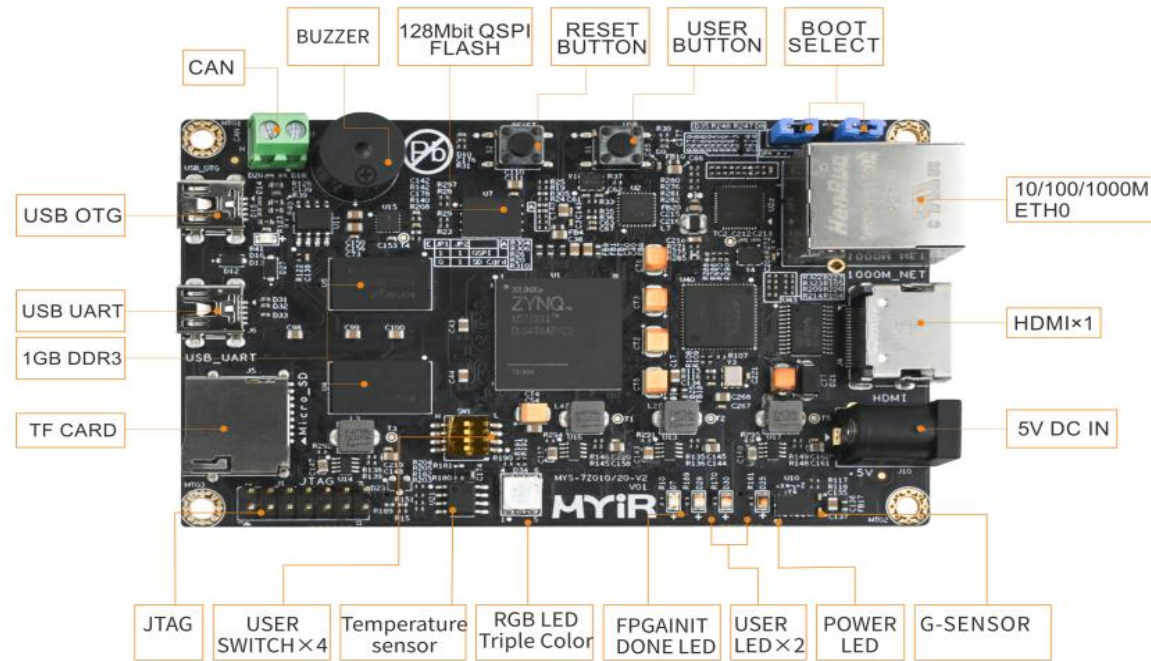
http://d.myirtech.com/Z-turn-board

★ **Technical Support:**

Please feel free to contact us if you have any technical problems:

- Email：support@myirtech.com
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1.Hardware Interface & Points of Attentions

Top View of MYS-7Z010_20-V2 Development Kit

Points of Attentions：
  1.The board has been burned into the factory image program in the SD card of the board. You only need to follow the following steps to start the board (please make sure that the board is set to start on the SD card).

2.To avoid any damage on the board , please make sure using the power adapter(5V DC) coming with the board in the box.

2.Quick steps to hands-on

Step1：Configure the boot options

Insert the jumper cap and set the boot mode to SD card boot mode.

CPU	Boot Mode	JP1	JP2
ARM+FPGA	Boot from SD	disconnection	close
	Boot from QSPI	close	close

Step2：Ensure that the SD card is in the card slot

Step4：Connect the power adapter

Connect 5V power adapter to the power-in connector(J10)

Step3：Connect the HDMI

Connect the HDMI monitor with the HDMI cable.Please skip this if you don't need a HDMI display.

Step 5: Connect the debugging serial cable

Connect a PC to a board connector using a USB-mini serial cable (J6)
Note: The MINI USB port has two, to receive J6.

Step6: Set Debug Serial Port and start to debug

Open the serial terminal software on host PC and set the parameters as below:

Band rate	Data bits	Stop bit	Parity	Other
115200	8	1	one	No Flow control

User: root ,Passwd: root
the serial terminal output information is as follows.

```
done.
Starting Dropbear SSH server: dropbear.
hwclock: can't open '/dev/misc/rtc': No such file or directory
Starting syslogd/klogd: done
Starting tcf-agent: OK

PetaLinux 2018.3 zturn /dev/ttyPS0

zturn login: root
Password:
root@zturn:~#
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