在启动那里可以输入命令 printenv 查看 MAC 地址，

设置 MAC 地址方法，

setenv ethaddr 00:04:9f:00:ea:d3

setenv fec_addr 00:04:9f:00:ea:d3

saveenv

我公司曾经有两个项目中用到的网络芯片一个是有 MAC 地址的一个是没有的，

没有 MAC 地址的那个在烧写时我们用的一个小程序每次烧写都会把 MAC 地址累加 1 位。

22.3 Ethernet Configuration

This section covers aspects such as duplex and speed configurations.

The two most common issues are as follows:

- MAC address is missing or invalid
- Ethernet connection (duplex, speed)

By default, the Ethernet driver reads the burned-in MAC address, which is found in code from the fec.c file located in the function **fec_get_mac()**. If no MAC address exists in the hardware, the MAC is read as all zeros, which creates problems. If this occurs, modify the code to read the MAC address from Flash or elsewhere.

The FEC driver and hardware are designed to comply to the IEEE standards for Ethernet auto-negotiation. See the FEC chapter in the *i.MX53 Applications Processor Reference Manual* for a description of using flow control in full duplex and more.