

## emmc

如何打开emmc:

在kernel的menuconfig中按如下配置即可:

1. 打开mmc:

```
< > Sound card support ----
      HID support --->
[*] USB support --->
< > Ultra Wideband devices ----
< * > MMC/SD/SDIO card support --->
< > Sony MemoryStick card support ----
[ ] LED Support ----
[ ] Accessibility support ----
[ ] EDAC (Error Detection And Correction) reporting ----
-* Real Time Clock --->
[ ] DMA Engine support ----
    DMABUF options --->
[ ] Auxiliary Display support ----
```

2. 关闭sd打开emmc:

```
--- SStar SoC platform drivers
[ ] SStar Cam drivers ----
[ ] SStar DLA driver ----
[ ] PIU Timer driver
[*] msys api
[ ] Log Redirection
[ ] sysfs:perf test
[ ] ioctl:bench memory function
[ ] sysfs:MIU protest
[ ] add more dmem sysfs node
[*] Serial / UART driver
< > MS_USCLK extended sysfs interfaces for CLKs
[*] Serial Flash driver
< > SSTAR_PWM
< * > SPI NAND
      READ (nand-qual-read) --->
      WRITE (nand-qual-write) --->
< > MS SPI driver
< * > EMMC driver
[ ] UNIFY EMMC DRIVER
< > SStar SD/MMC Card Interface Support
< > EMAC
[ ] Supply to random number generator device
[ ] Supply to hardware TX checksum
[ ] Supply to K3 RX SW Patch
i(+)

<select> < Exit > < Help > < Save > < Load >
```

如何调节emmc速度:

调节kernel\arch\arm\boot\dts\infinity2m.dtsi如下配置:

```
... emmc {
... compatible = "sstar_mci";
... clocks = <&CLK_sdio>, <&CLK_sdio>;
... interrupts = <<GIC_SPI INT_IRQ_SDIO IRQ_TYPE_LEVEL_HIGH>;
... bus-width = <4>;
... max-clks = <2>; // 0:48M 1:43M 2:40M 3:36M 4:32M 5:20M 6:12M 7:300K
... clk-driving = <0>;
... cmd-driving = <0>;
... data-driving = <0>;
... status = "ok";
... };
```