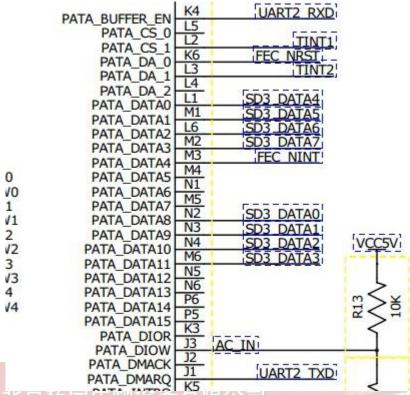# UART2(ttymxc1)修改及测试说明

1、原理图

2、修改 uart2 的配置

kernel_imx/arch/arm/mach-mx5/serial.h

/*UART 2 configuration*/

#define UART2_UCR4_CTSTL   16

#define UART2_DMA_ENABLE 0

#define UART2_DMA_RXBUFSIZE   512

#define UART2_UFCR_RXTL   16

#define UART2_UFCR_TXTL   16

3、测试

stty –F /dev/ttymxc1 115200 设置波特率

stty –F /dev/ttymxc1 ixoff 关闭硬件流控

cat /dev/ttymx1   不断的按 DSP 的 Reset 按键

```
/ # stty -F /dev/ttymxc1 115200
/ # stty -F /dev/ttymxc1 ixoff
/ # stty -F /dev/ttymxc1
speed 115200 baud; line = 0;
intr = ^C; quit = ^\; erase = ^?; kill = ^U; eof = ^D; eol = <undef>;
eol2 = <undef>; swtch = <undef>; start = ^Q; stop = ^S; susp = ^Z; rprnt = ^R;
werase = ^W; lnext = ^V; flush = ^O; min = 1; time = 0;
-brkint ixoff -imaxbel
/ # cat /dev/ttymxc1
```

```
Hello!
This program echoes back whatever you type in...
```

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