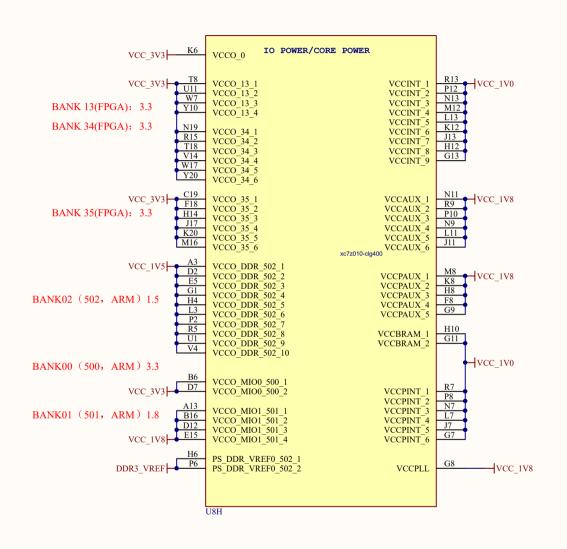
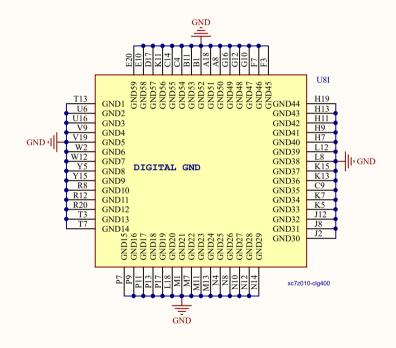


DDR3的VTT和VREF电源

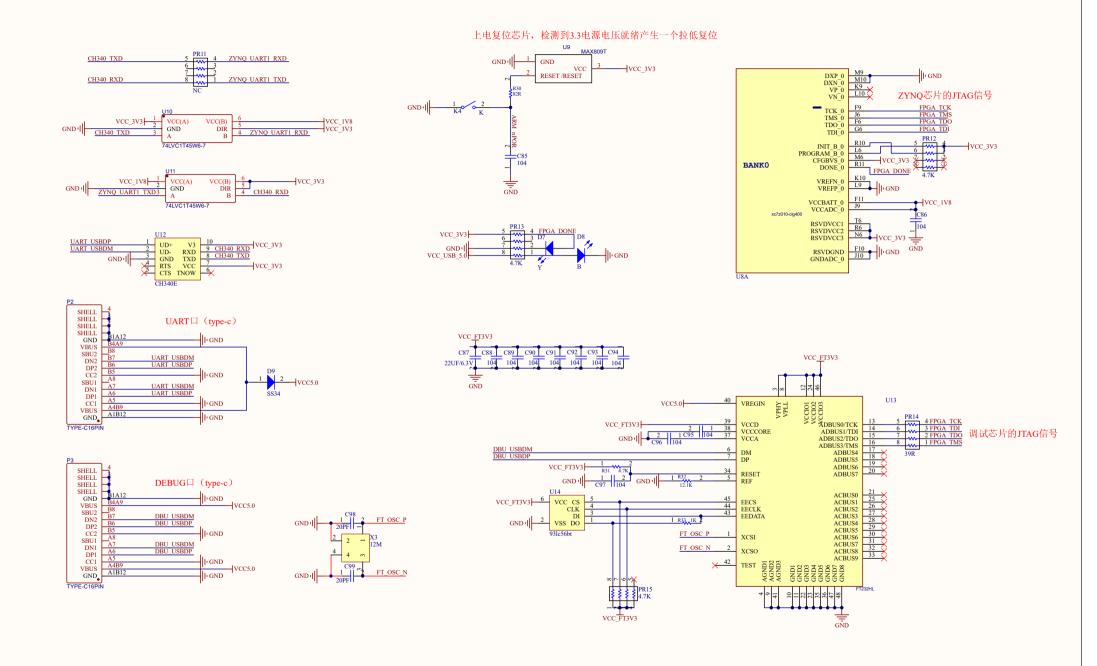
ZYNQ内核电源: 1.0V DDR3的电源: 1.5V

第二部分 ZYNQ芯片的电源引脚





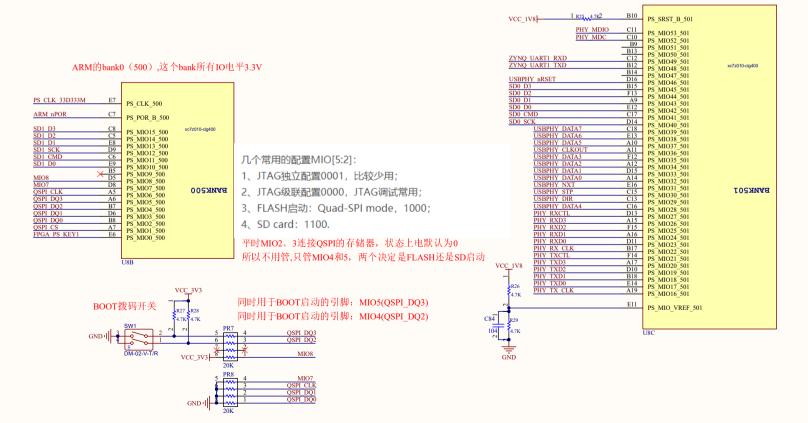
第三部分 ZYNQ的JTAG和调试器电路



第四部分 ZYNQ的PS部分BANK(仅用于ARM)

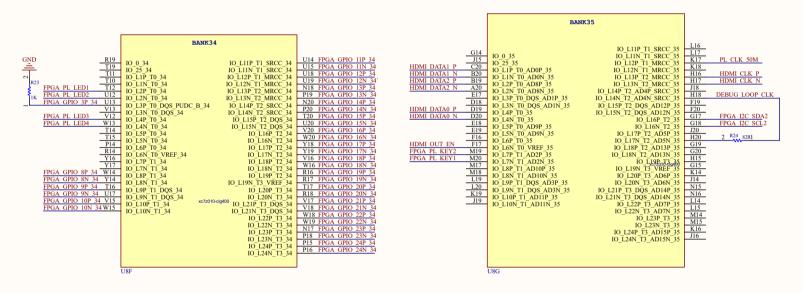


ARM的bank1(501),这个bank所有IO电平1.8V



第五部分 ZYNQ的PL部分的BANK(FPGA部分)

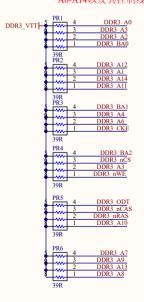


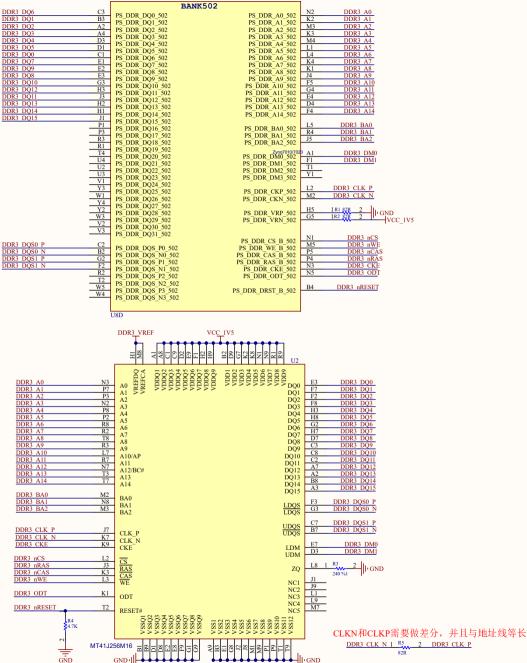


第六部分 ZYNQ的PS部分的DDR3

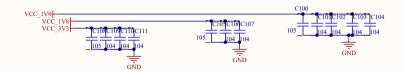


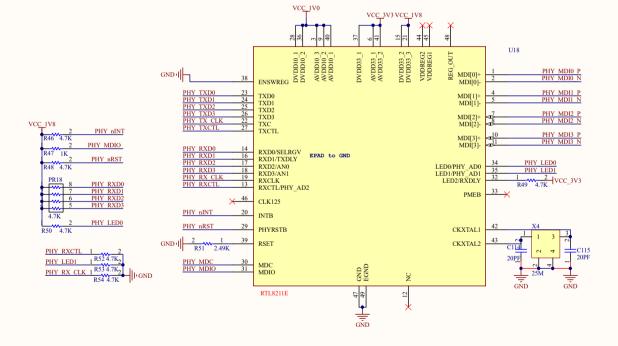


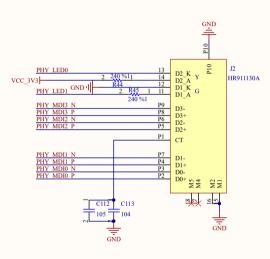




第七部分 ZYNQ的PS部分千兆网口RTL8211E电路





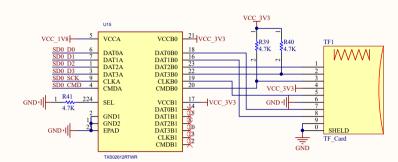


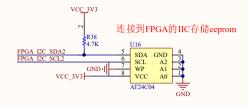
第八部分 ZYNQ存储,QSPI FLASH,SD卡,EEPROM

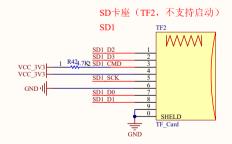
SD卡座(master, TF1, 支持从这个TF卡启动)

SD0

从TF(master)上电启动: BOO设置为11

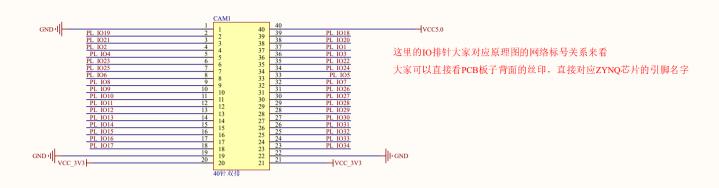




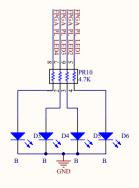


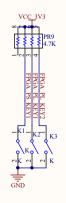


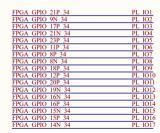
第九部分开发板对外的用户扩展34个IO口及LED和按钮



EXT IO **V5.0 GND** P15 U15 W15 V15 V17 U17 Y18 V18 Y19 W18 W19 U19 U14 N17 W14 Y14 P16 V16 U18 R16 T16 T17 W16 R17 R18 W20 P19 V20 P18 U20 N18 T20 N20 P20 GND GND V3.3 V3.3

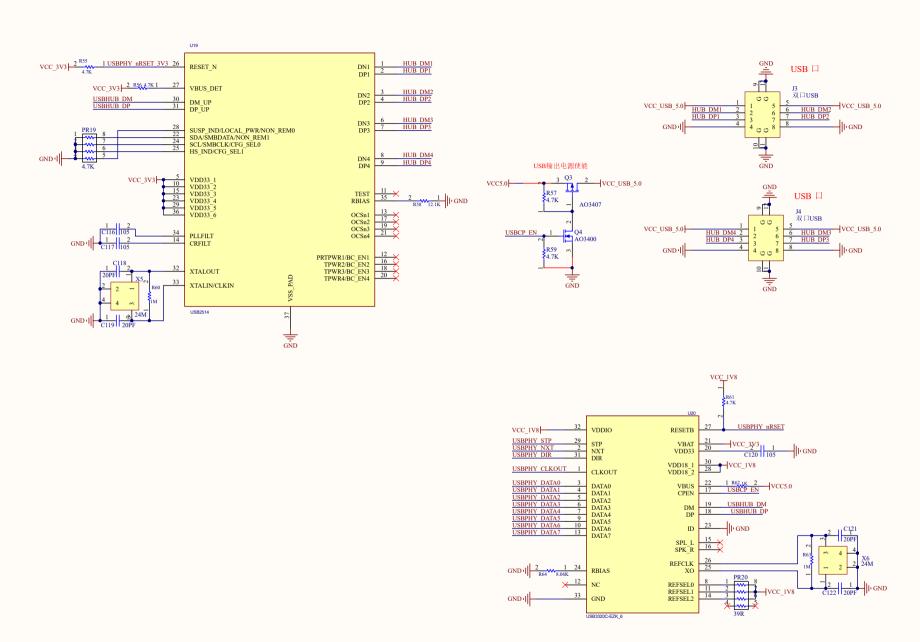






PL IO18	FPGA	GPIO	24P	34
PL IO19	FPGA	GPIO	11N	34
PL IO20		GPIO		
PL IO21		GPIO		
PL IO22		GPIO		
PL IO23		GPIO		
PL IO24		GPIO		
PL IO25		GPIO		
PL IO26		GPIO		
PL IO27		GPIO		
PL IO28	FPGA	GPIO	9P 3	4
L IO29		GPIO		
L IO30	FPGA	GPIO	20N	34
L IO31		GPIO		
L IO32		GPIO		
L IO33		GPIO		
L IO34	FPGA	GPIO	14P	34

第十部分 开发板的USB电路,以及USB HUB电路



第十一部分 HDMI电路

HDMI接口5V输出使能

