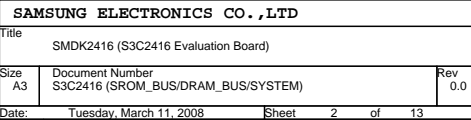


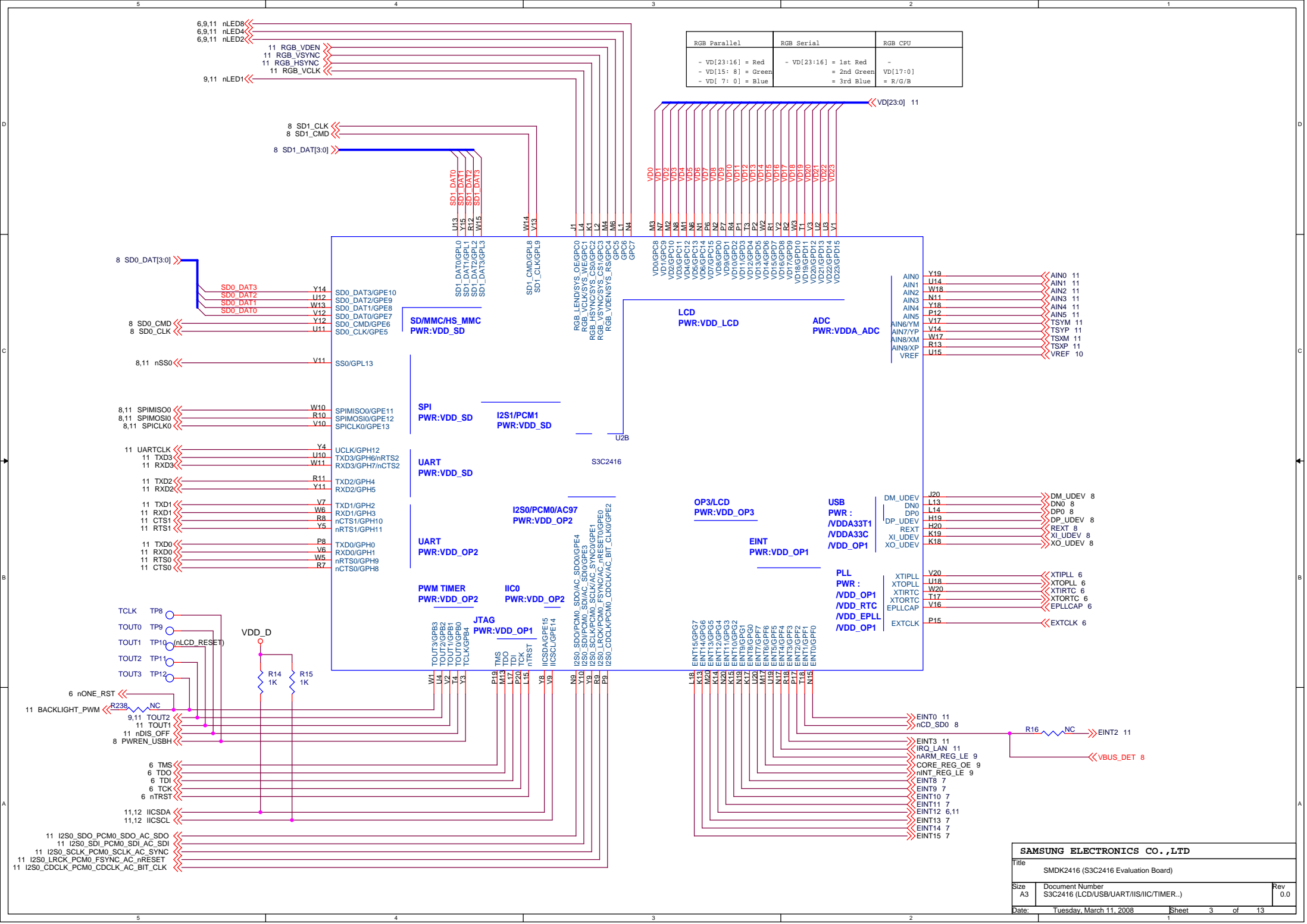
SMDK2416 Evaluation Board for S3C2416

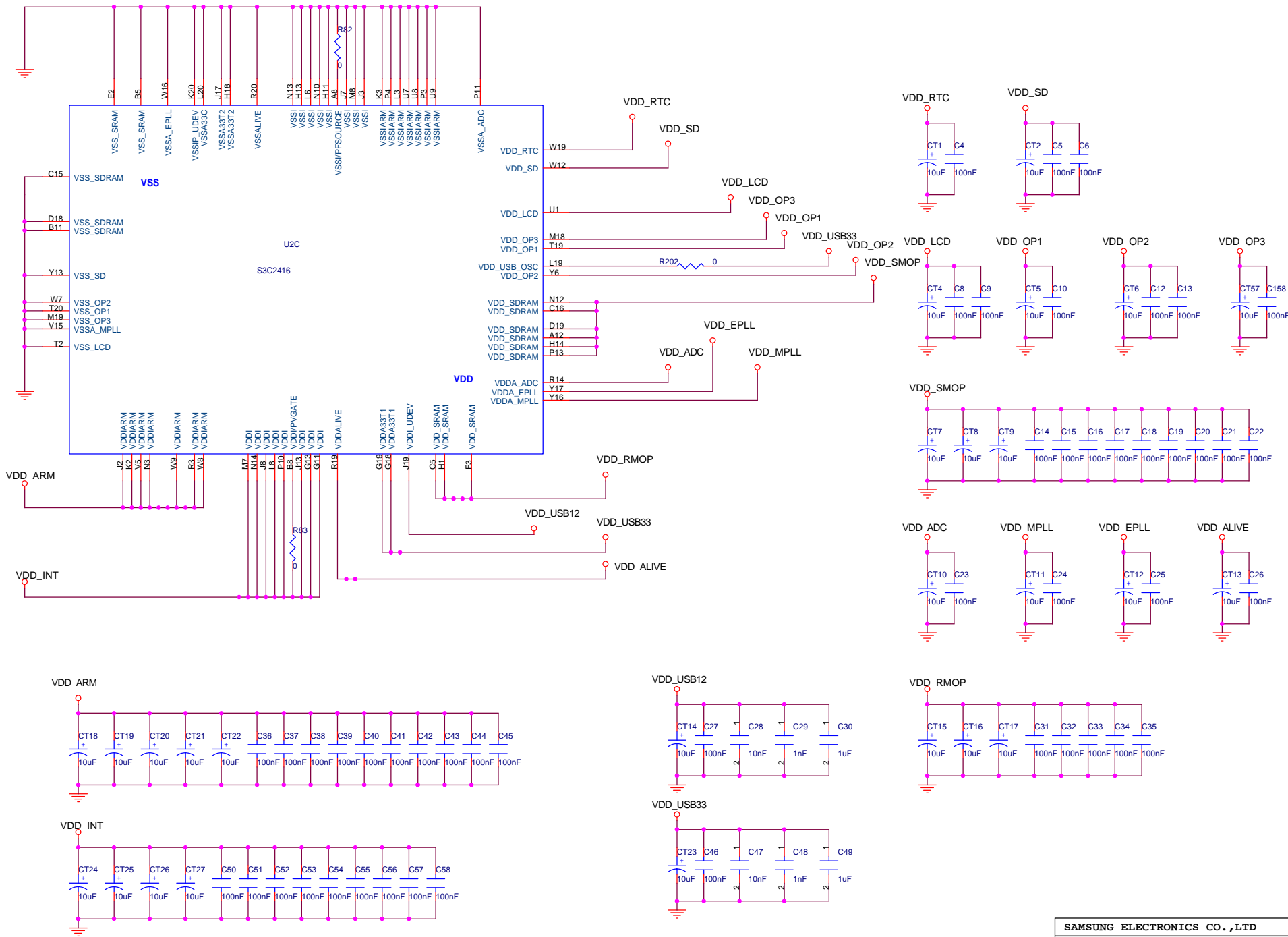
1. PCB Revision	Date	Description
Rev 0.0	2008. 02. 21	Preliminary Version

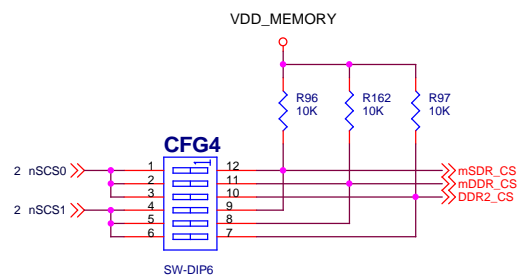
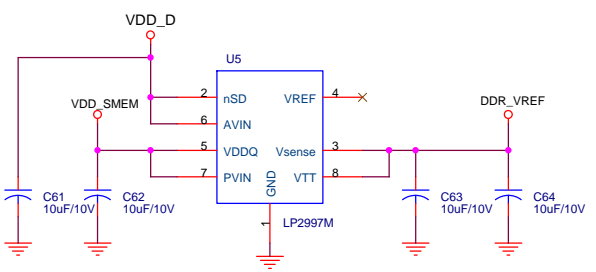
2. Table of Contents	3. Part Reference	
CPU Board Page Function 01 S3C2416(Addr/Data) 02 S3C2416(LCD..) 03 S3C2416(Power) 04 Memory(mSDR,mDDR,DDR2) 05 Memory(OneNand)/JTAG/CLK 06 Buffers(SROM I/F) 07 USB/HS_MMC/HS_SPI 08 CPU B/D Power(ARM, INT) 09 CPU B/D Power(Alive, I/O) 0A Board to Board Connector (CPU) 0B PMIC DC-DC/Audio 0C PMIC Power Base Board 01 NOR/SRAM/NAND/CONFIG 02 CF+/-External Bus IF 03 Ethernet Controller(CS8900) 04 Ethernet Controller(LAN91C115) 05 LCD General/SPI/ADC 06 LCD:TFT RGB Parallel 07 LCD:TFT RGB Serial/CPU 08 Camera IF/I2C 09 Audio(Demux&Conn) 0A Audio(AC97&Power) 0B Audio(I2S 5.1ch/I2S&PCM) 0C UART/IrDA 0D External I/O 0E Base B/D Power 0F Board to Board Connector (Base) Ext. OneNand	<Component><Number> U - COMPONENT IC & REGURATOR IC C - CAPACITOR CT- TANTAL CAPACITOR R - RESISTER RP - RESISTOR PACK VR - VARIABLE RESISTER J - JUMPER L - INDUCTOR F - FERRITE BEAD Y - OSCILLATOR X - CRYSTAL Q - TRANSISTOR/FET D - DIODE SW - TACT/PUSH SWITCH CON - CONNECTOR CFG - DIP SWITCH	

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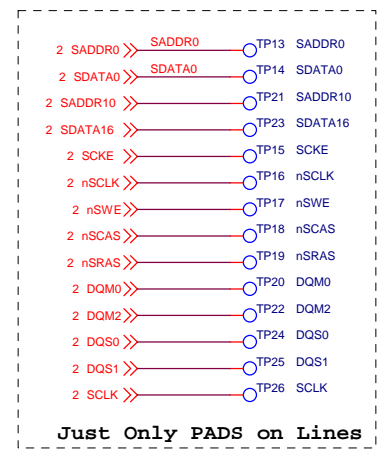




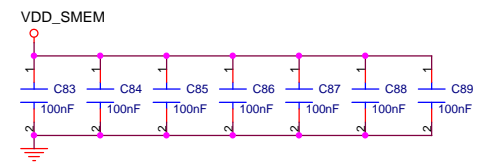
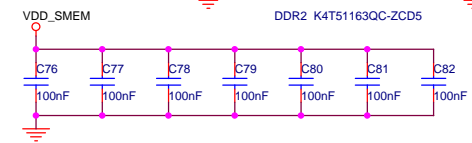
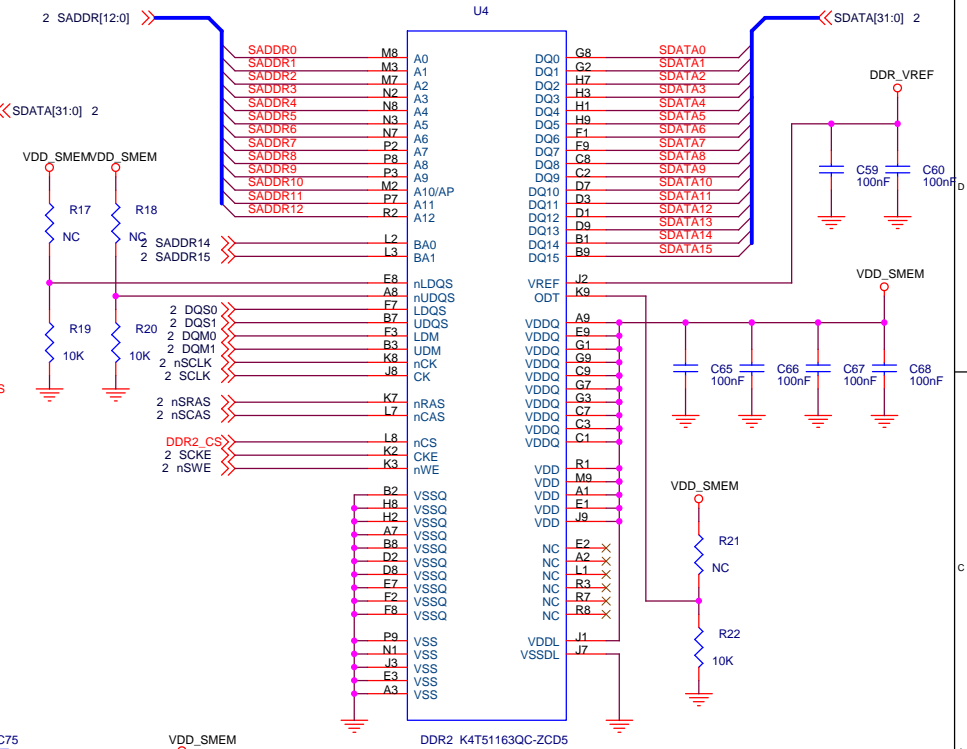
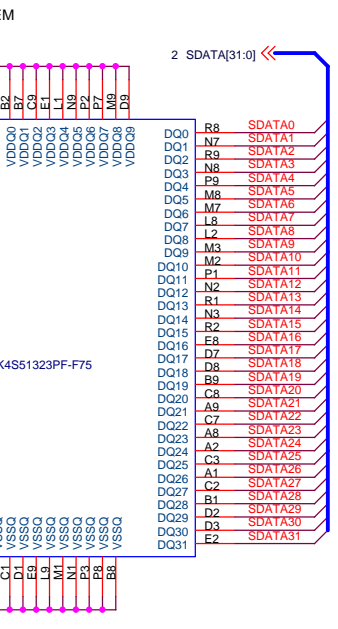
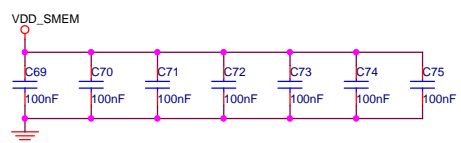
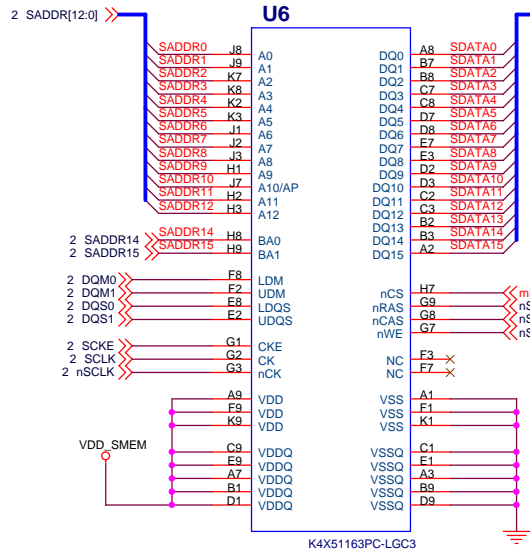


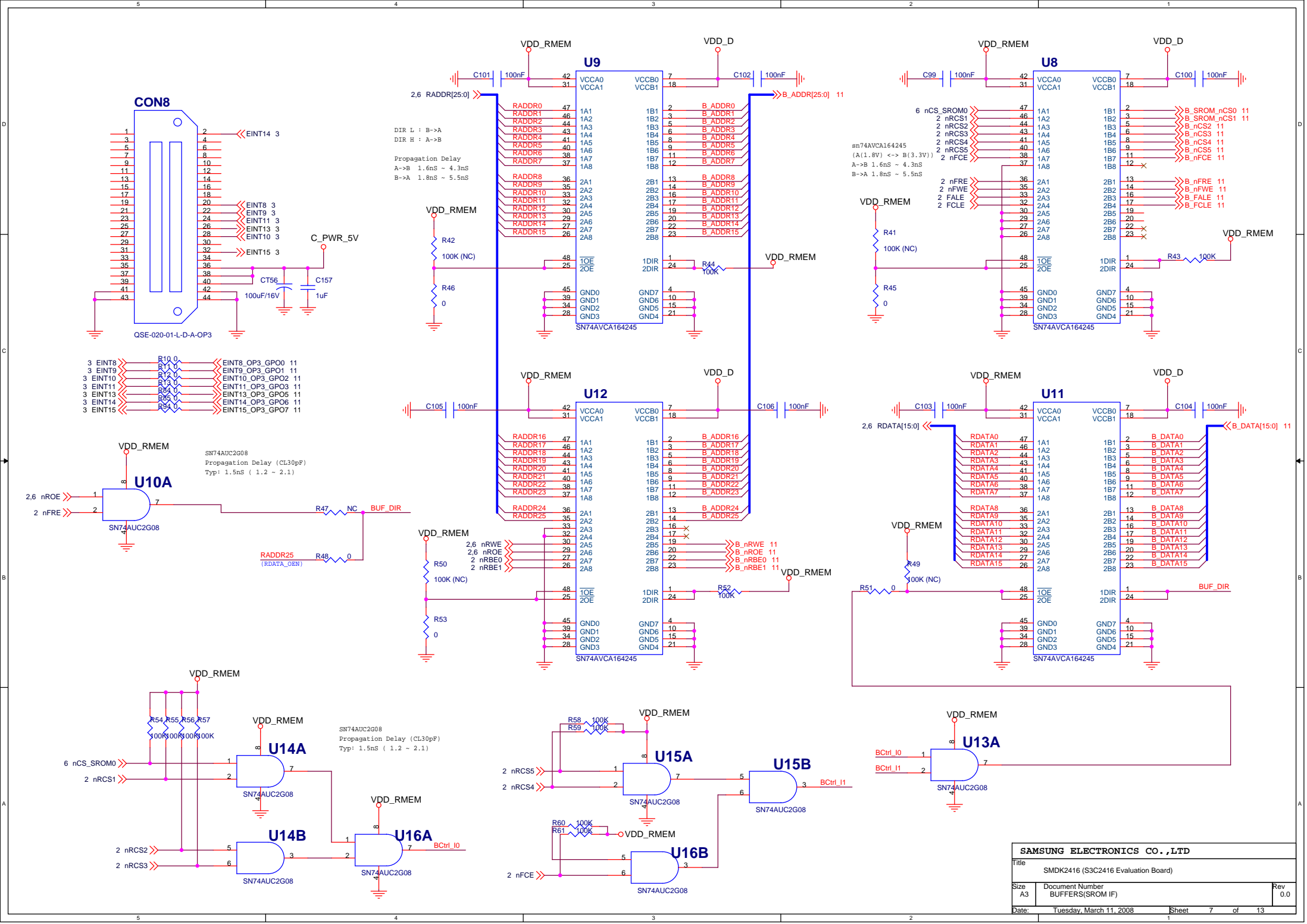


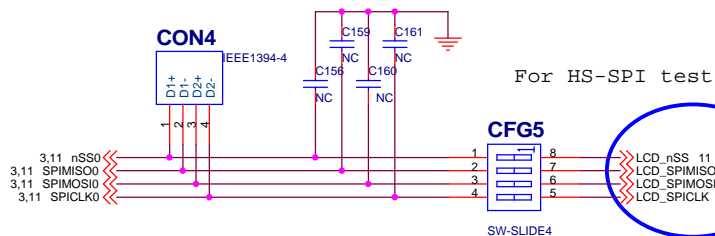
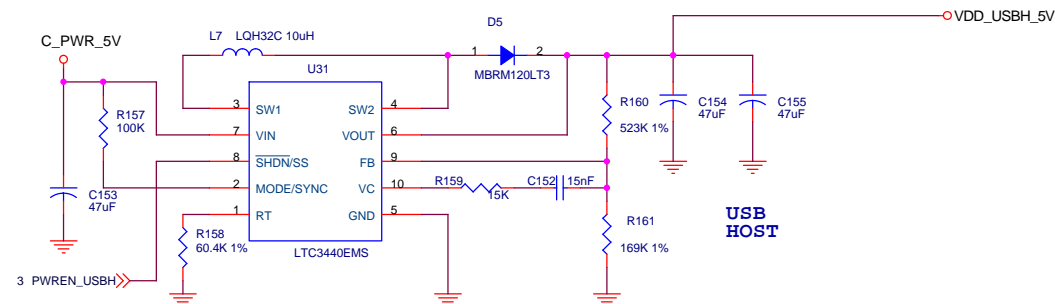
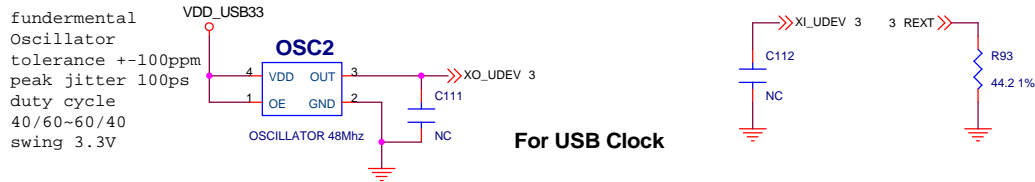
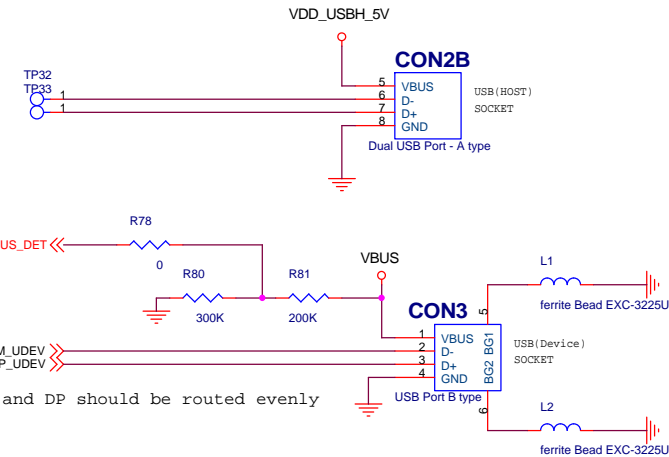
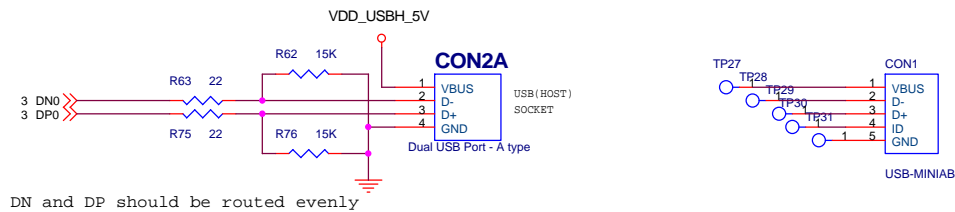
CFG4		
100010(D)	010100	001100
mSDR	mDDR	DDR2



!! SAME
ROUTE
LENGTH

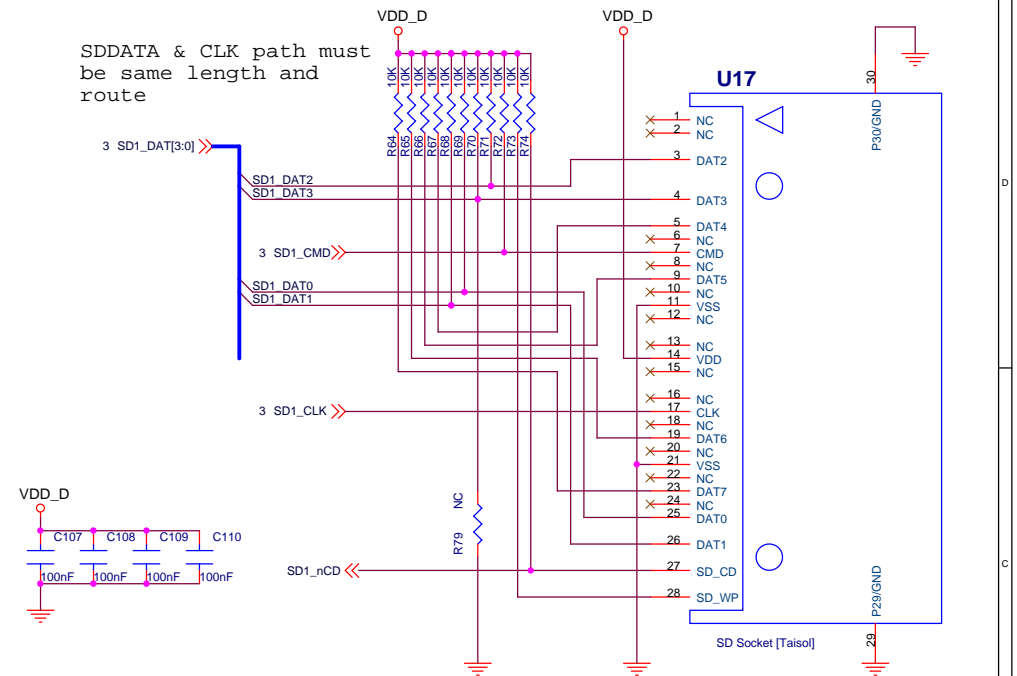




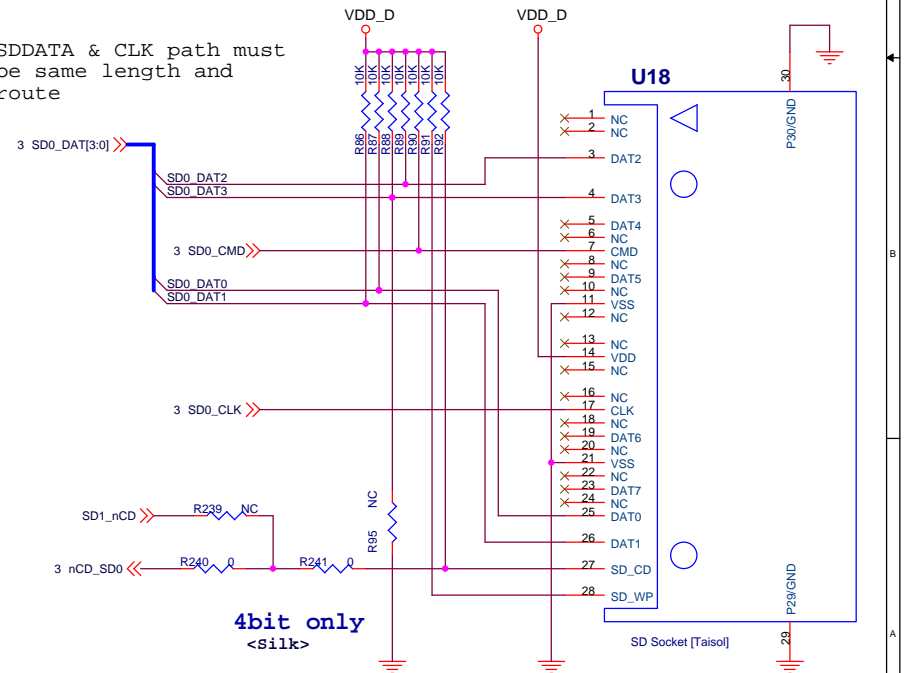


CFG5	ON	OFF
[1~4]	LCD_INIT	SPI_CON

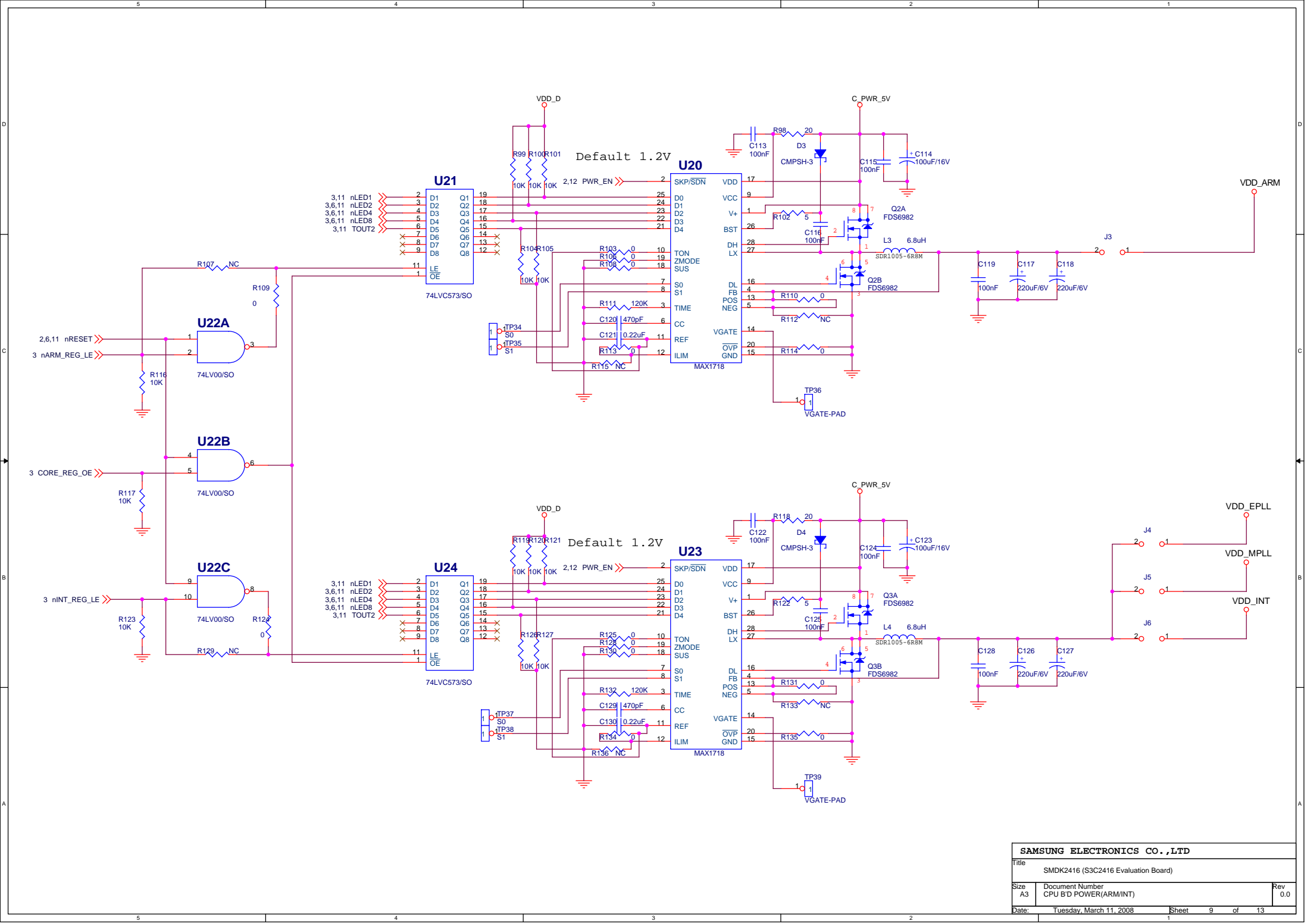
SDDATA & CLK path must be same length and route

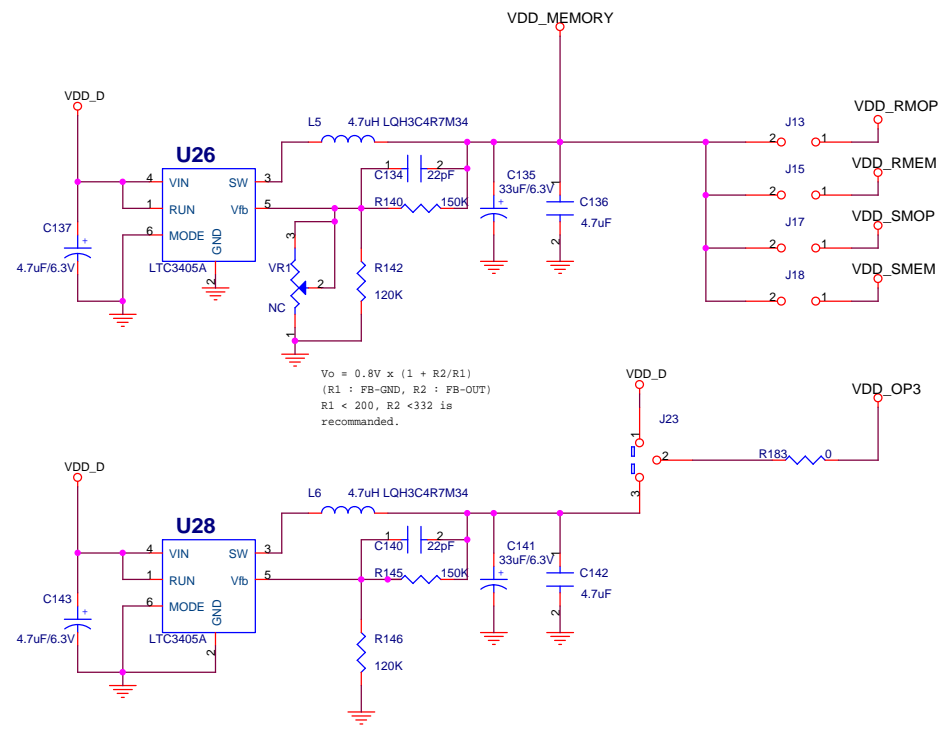
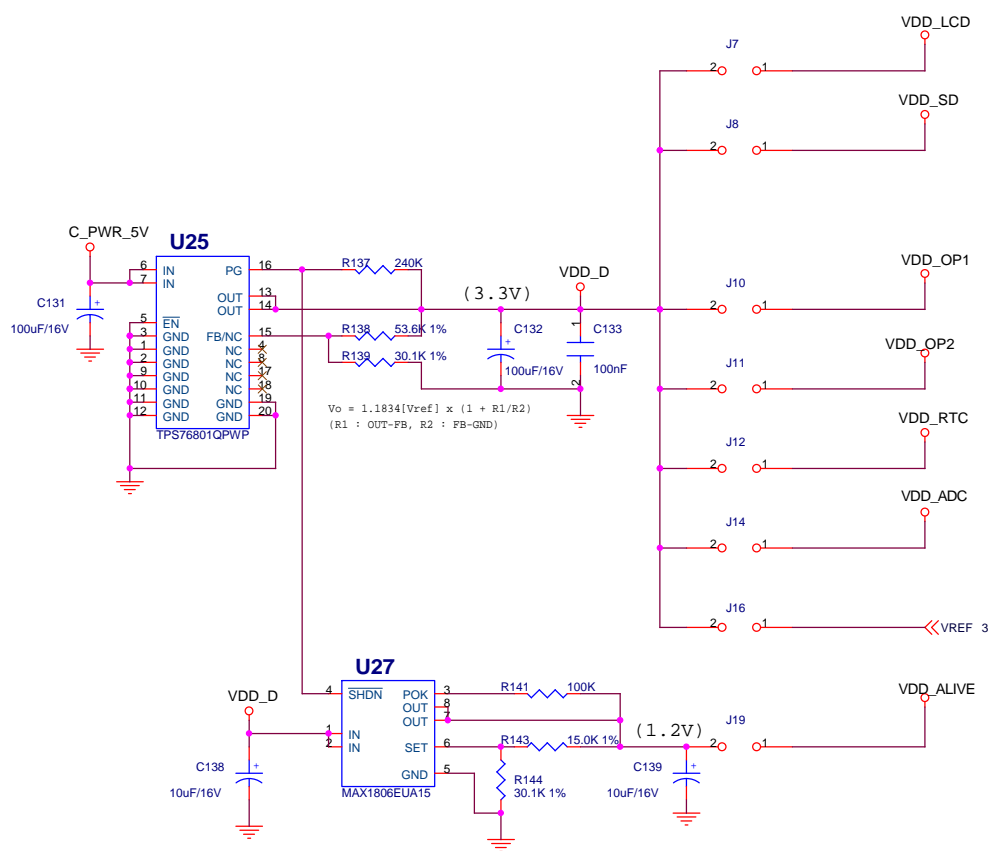


SDDATA & CLK path must be same length and route

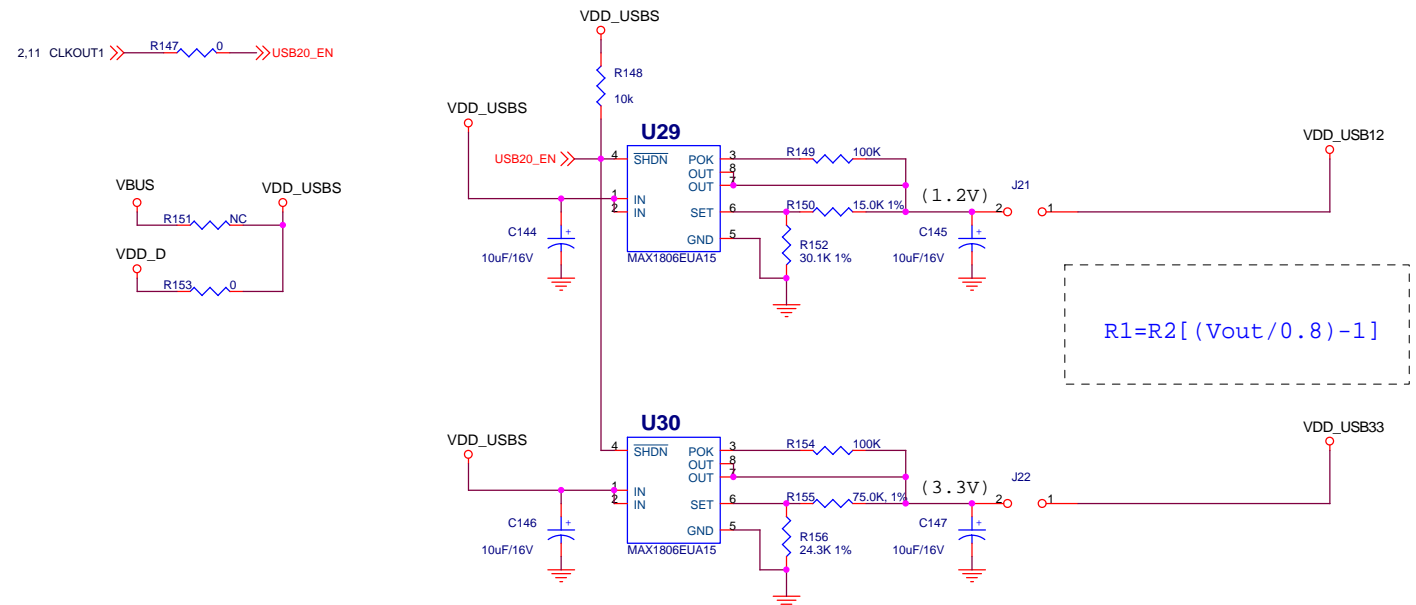


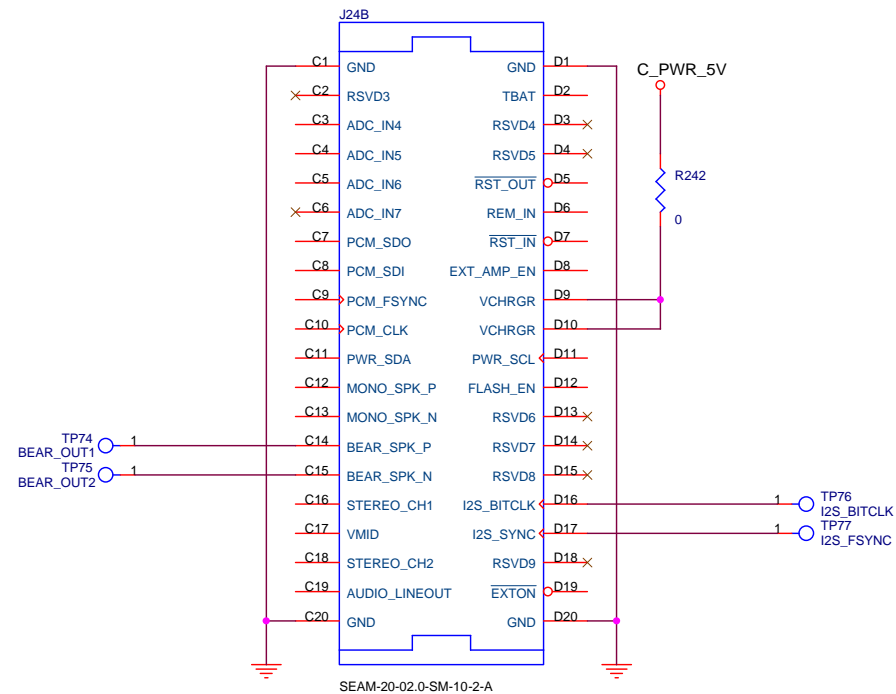
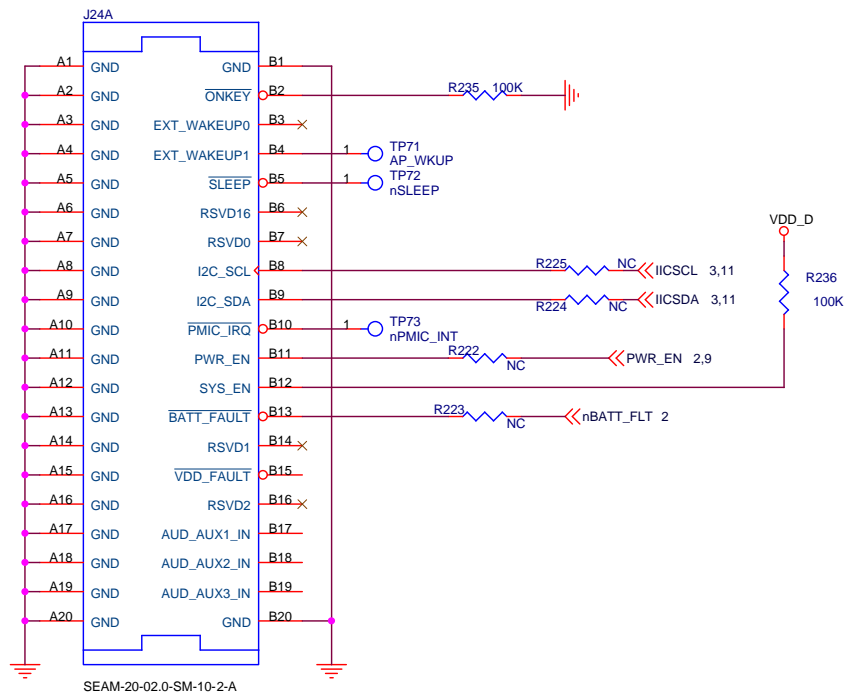
4bit only
<Silk>





OP3 power	OP3(1.8V)	IO(3.3V)
J23	2-3	1-2(Def.)





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