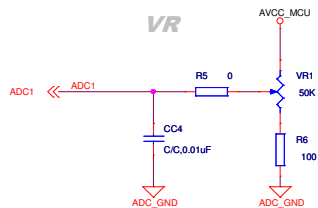


# /// UART & ADC ///

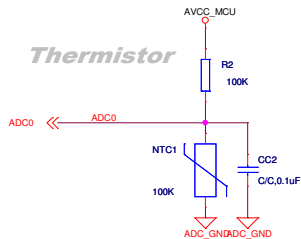
ADC[0..4] << ADC[0..4] ADC x 5

TXD[0..1] << UART\_TXD[0..1]  
RXD[0..1] << UART\_RXD[0..1]

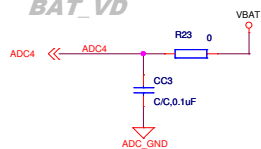
VR



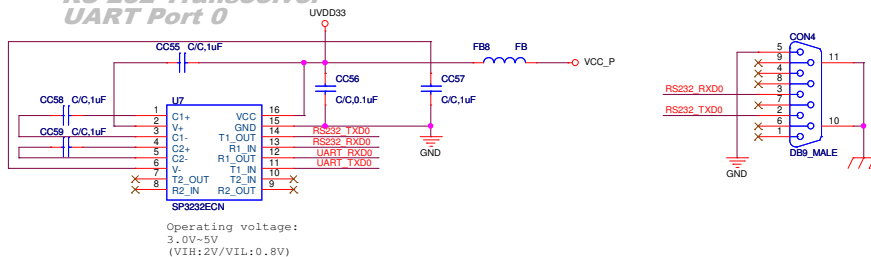
Thermistor



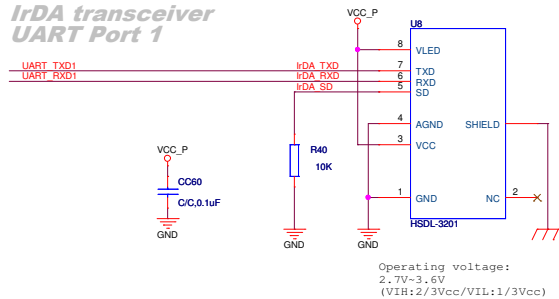
BAT\_VD



## RS-232 Transceiver UART Port 0



## IrDA transceiver UART Port 1

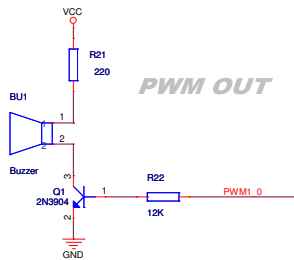


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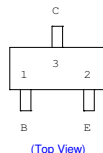
Title		
NANO130/ADC		
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## 1.2

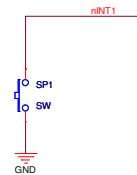
PB8 << PB8  
 nINT[0..1] << nINT[0..1]  
 PWM1\_0 << PWM1\_0  
 CTK[8..7] << CTK[8..7]  
 CTK[11..15] << CTK[11..15]



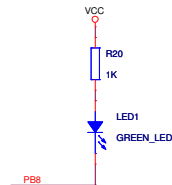
PWM OUT



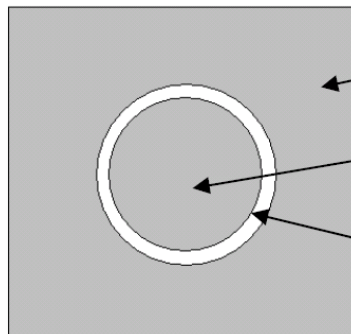
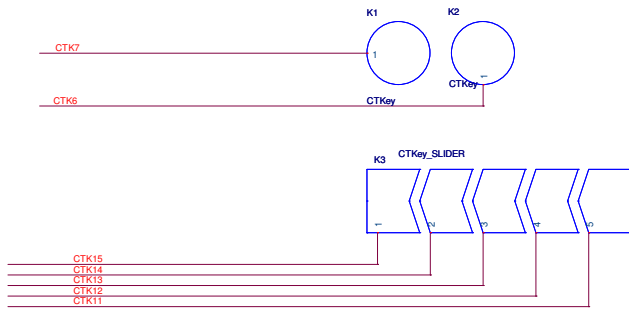
External  
INT/SNOOPER



LED indicator



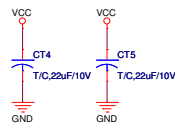
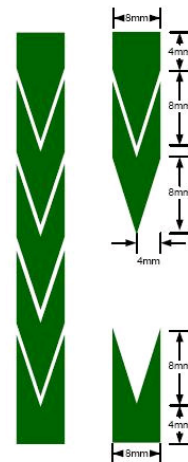
Touch Key



Ground Plane

Sensor Pad

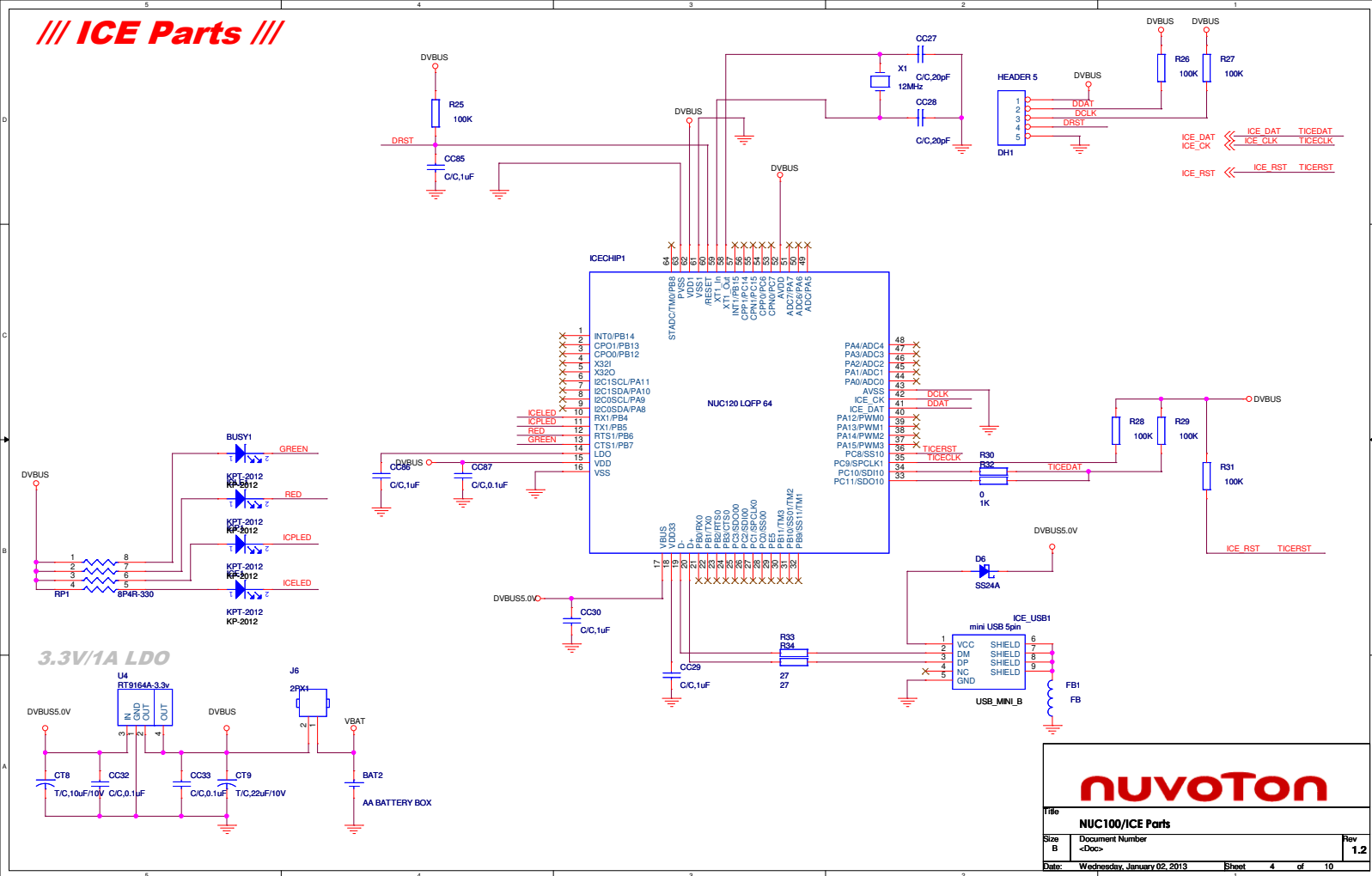
Gap



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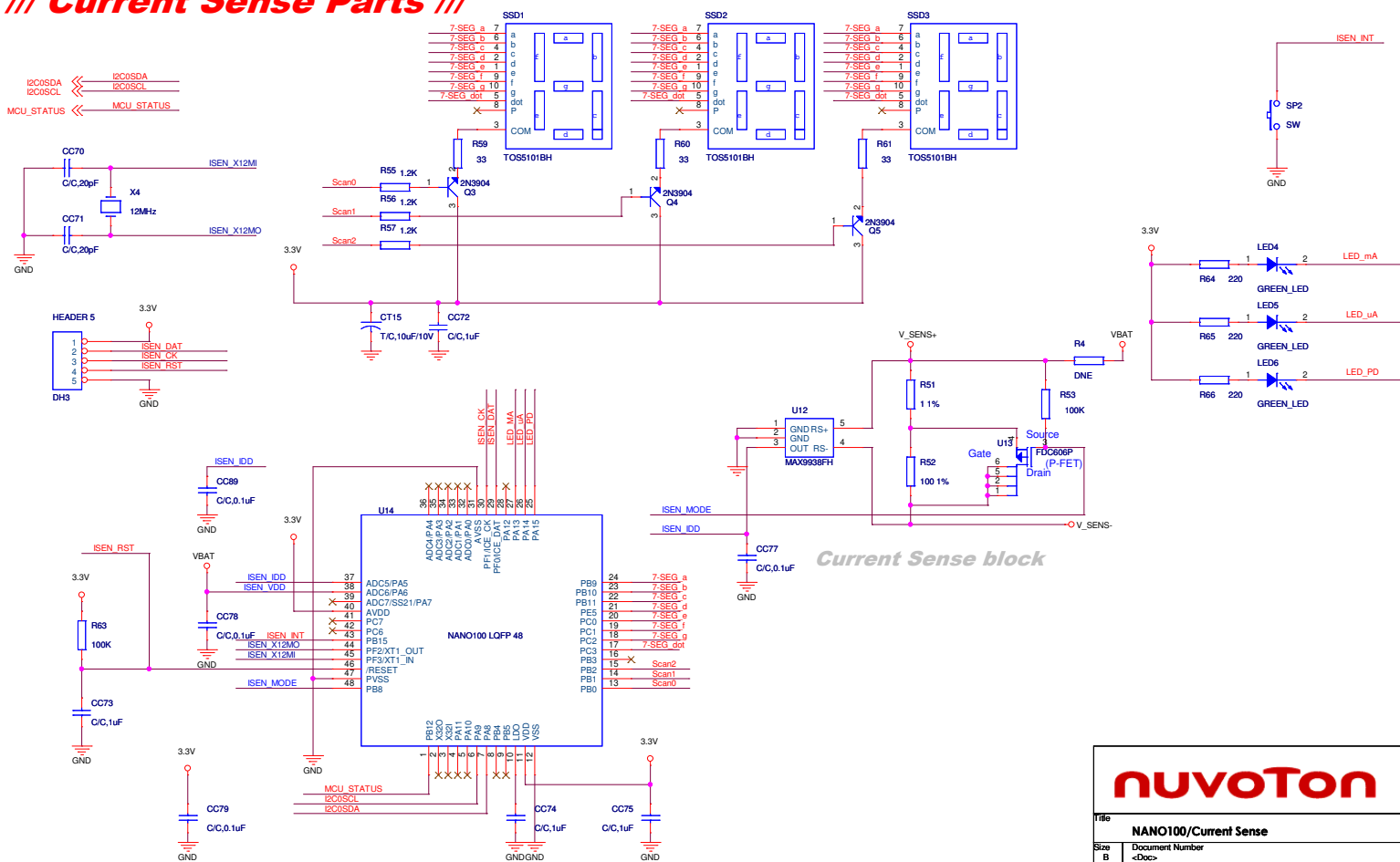
Title		
NANO130/HMI		
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# /// ICE Parts ///



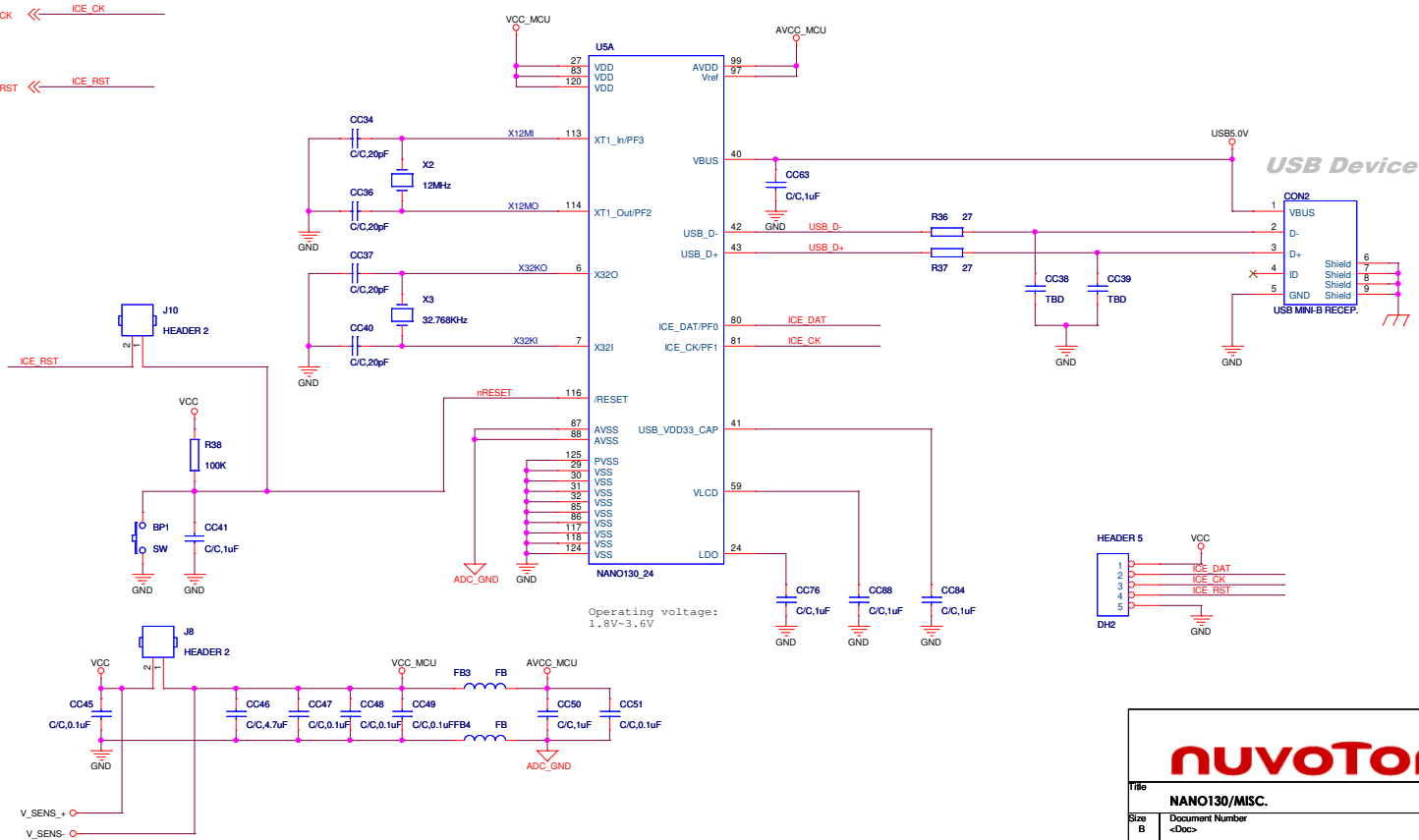
[illegible]

### **/// Current Sense Parts ///**



			
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NANO100/Current Sense			
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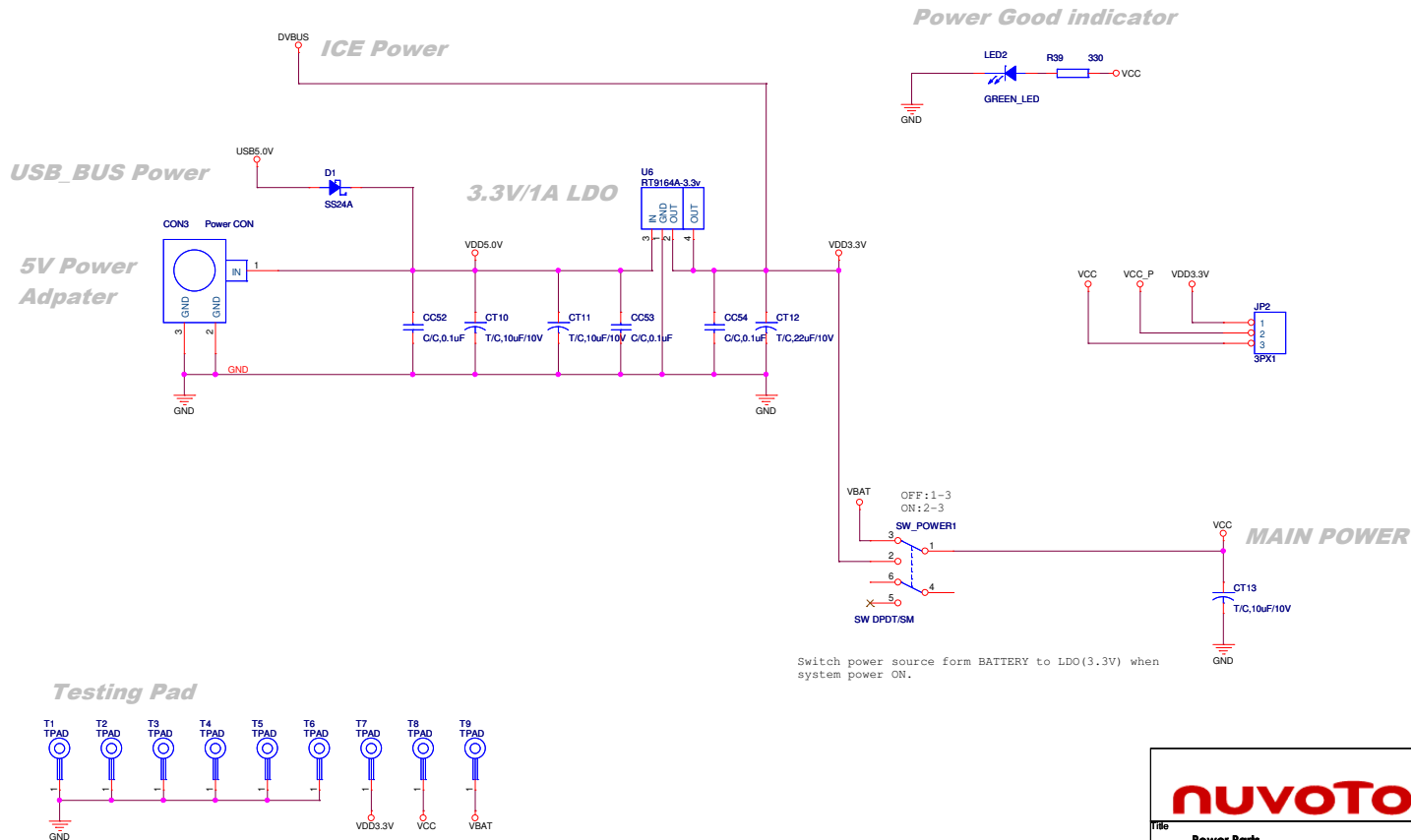
The diagram shows three signals over time. The top two signals, ICE\_DAT and ICE\_CK, are shown as a pair of signals, likely representing a differential pair. The bottom signal is ICE\_RST. The signals are shown as horizontal lines with a slight slope, indicating a constant rate of change.



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# /// Power parts ///



Switch power source form BATTERY to LDO(3.3V) when system power ON.

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# /// SMC & SD & FLASH ///

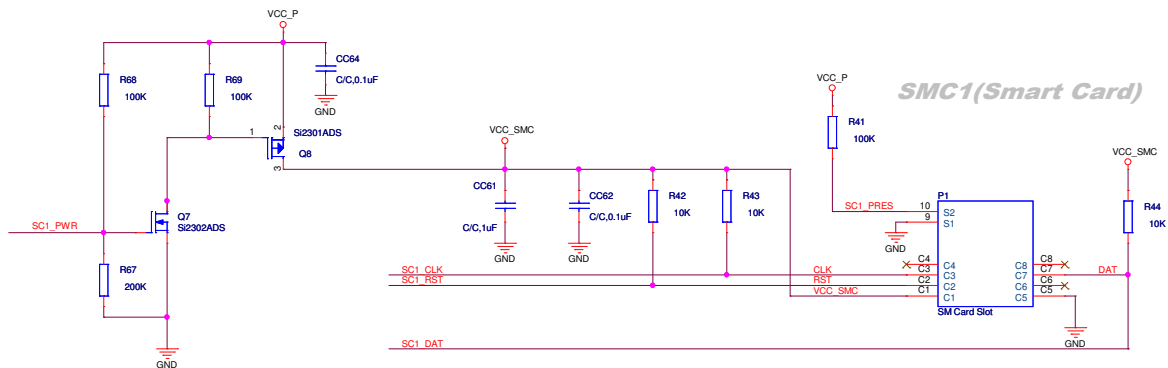
SC1\_CLK << SC1\_CLK  
SC1\_DAT << SC1\_DAT  
SC1\_PWR << SC1\_PWR  
SC1\_RST << SC1\_RST  
SC1\_PRES << SC1\_PRES

SPISS00 << SPISS00  
SPISS10 << SPISS10  
SPIMOS00 << SPIMOS00  
SPIMOS10 << SPIMOS10  
SPIMOS00 << SPIMOS00  
SPIMOS10 << SPIMOS10

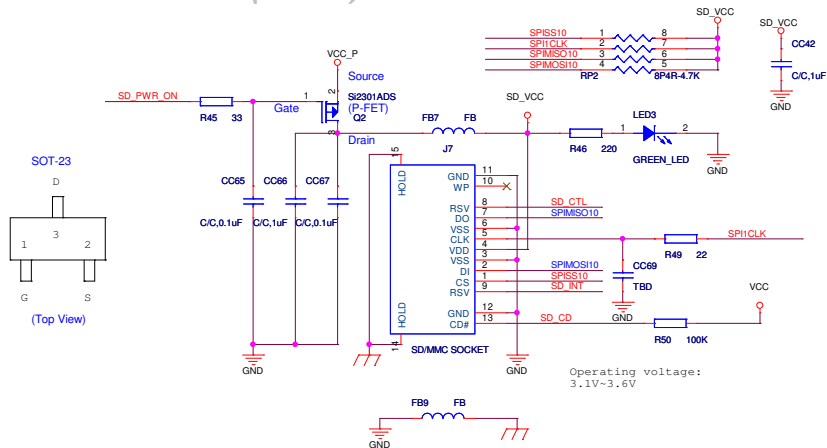
SPICLK << SPICLK  
SPICLK << SPICLK

PE6 << SD\_PWR\_ON  
PE15 << SD\_INT  
PE14 << SD\_CTL

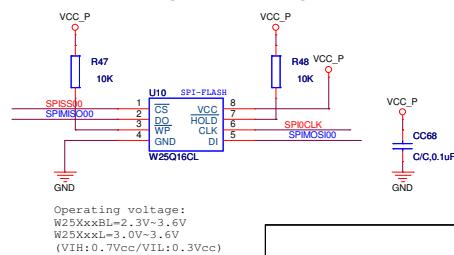
nINT0 << SD\_CD



## SPI1(SPI-SD)



## SPI0(SPI-Flash)



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SD & SMC & Flash		
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