Sheet #	Content	Sheet #	Content	
	01. Table of Content 02. L206X Module and Accessory 03. Sim Card 04. UART Port 05. Audio 06. LCD_CAM			

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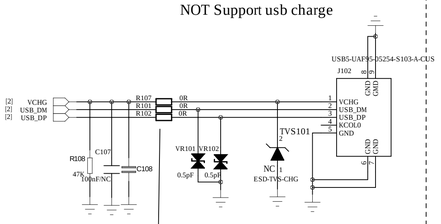
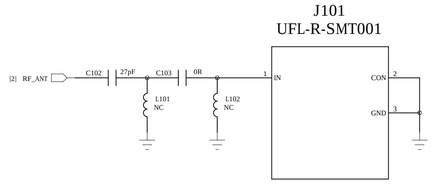
USB_CONNECTOR

NOT Support usb charge

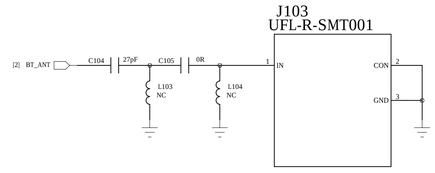


1. VR101/VR102must be less than 2pF about junction capacitance
2. The USB_DM and USB_DP must route 90 ohm defferintial
3. Recommended that the rated voltage of the capacitance on the Vbus net is 25V.

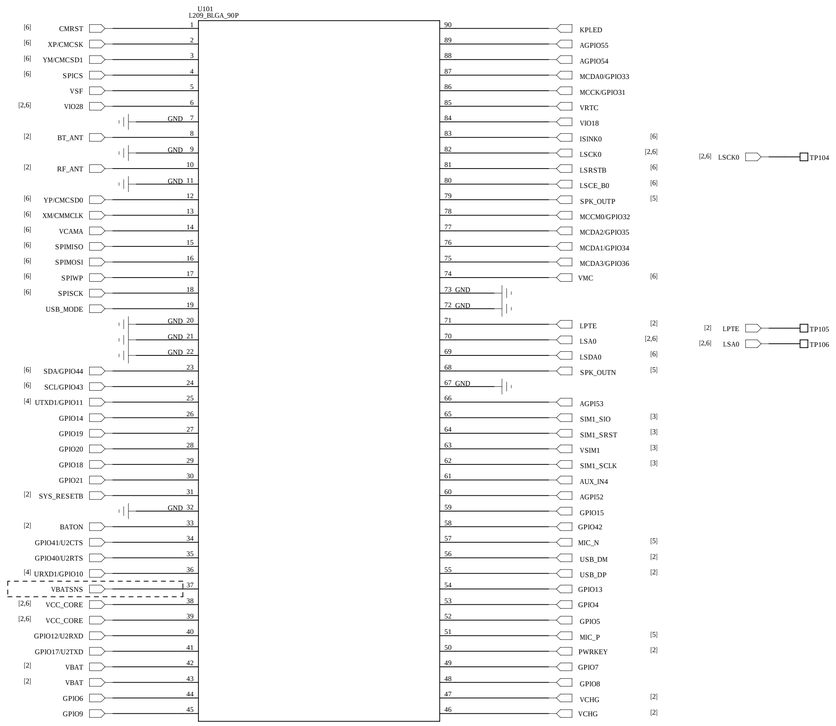
Antenna Connector



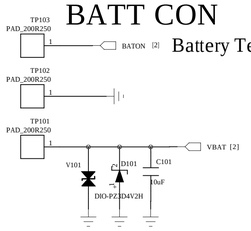
BT Connector



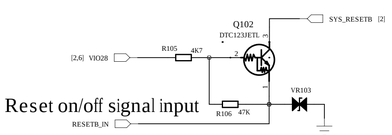
L206X MODULE



BATT CON

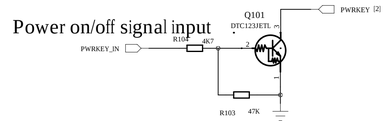


RESET KEY

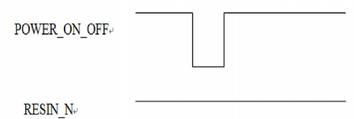


Note[1]
Reset active low input must keep above 105ms

POWER KEY



Note[1]
The moduel power on sequence must after the MCU and the power on diagram as below timing chart
As shown in figure, Application processors need to control the formation of POWER_ON_OFF pulse, the pulse width should be in 8 seconds or so.
If the PPP connection has been established, please disconnect



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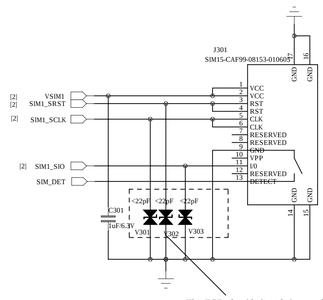
SIM CARD



The ESD should placed close to the SIM Socket,and ESD typical capacitance must below 30pF

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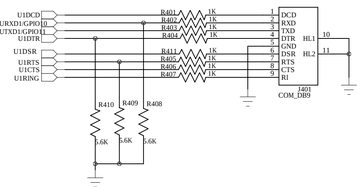
UART PORT1

Client RX should connected to the module TX, for detail please refer the hardwar ~~document~~
Client TX should connected to the module RX, for detail please refer the hardwar ~~document~~



Connection of All Functional UART Port for 3.3V System

Note!ª

1. CTS&RTS will be used for HW flow control when mass data has been sent.
2. When AT+QSCLK=1 is set on the module, customer's application can control
3. When DTR is set to high level, and there is no on-air or hardware interrupt, such as GPIO interrupt or data on serial port, the module will enter into sleep mode automatically.
4. RI will output an indication signal when activity such as voice call or SMS is coming.
5. DCD is mainly applied in modem communication (PPP), the active status represents the communication link has been set up.
6. Please pay attention to the level match of UART in product application.

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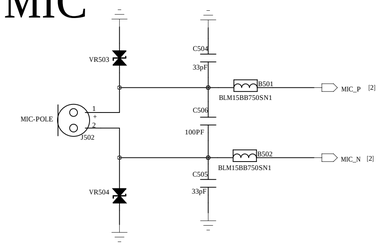
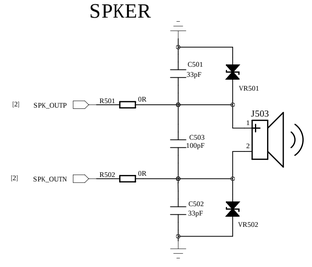
MIC



Close to MIC

SPKER



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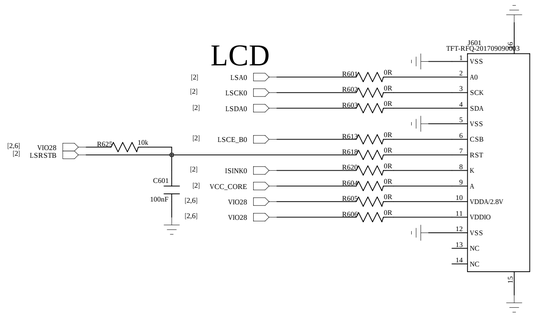
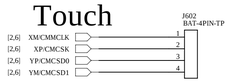
LCD

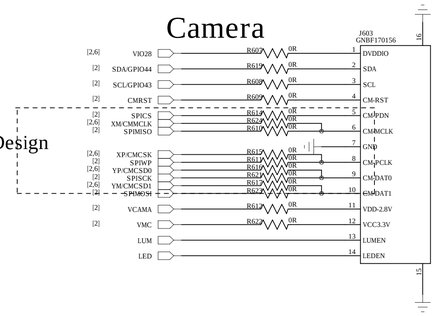


Touch



CAM Compatible Design

Camera



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