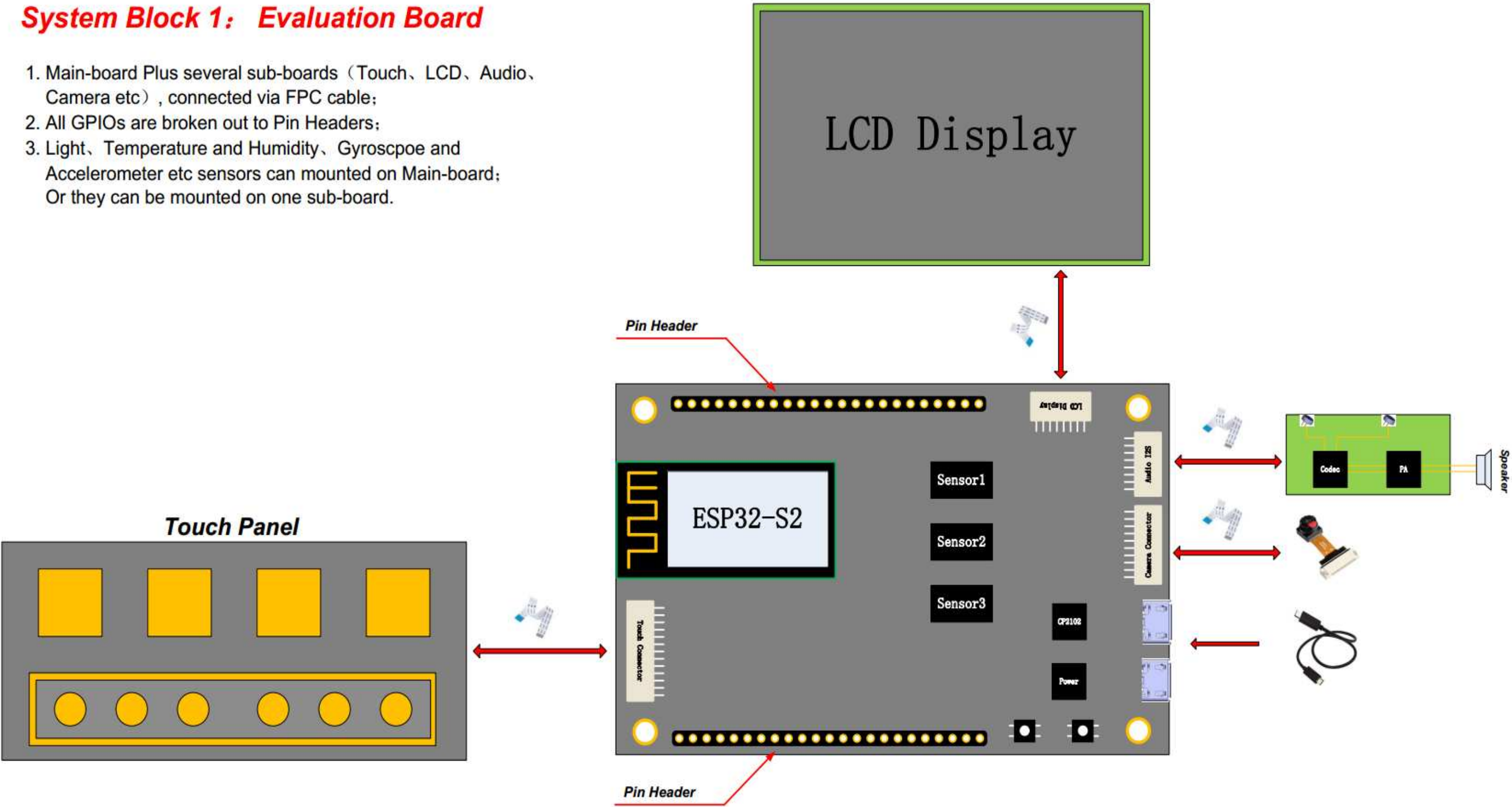
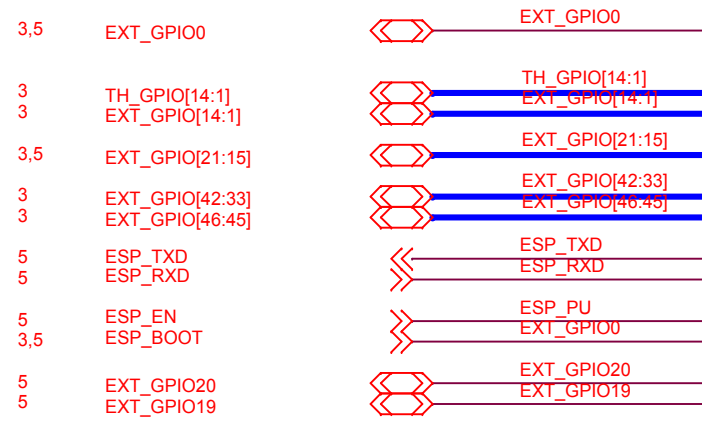


System Block:

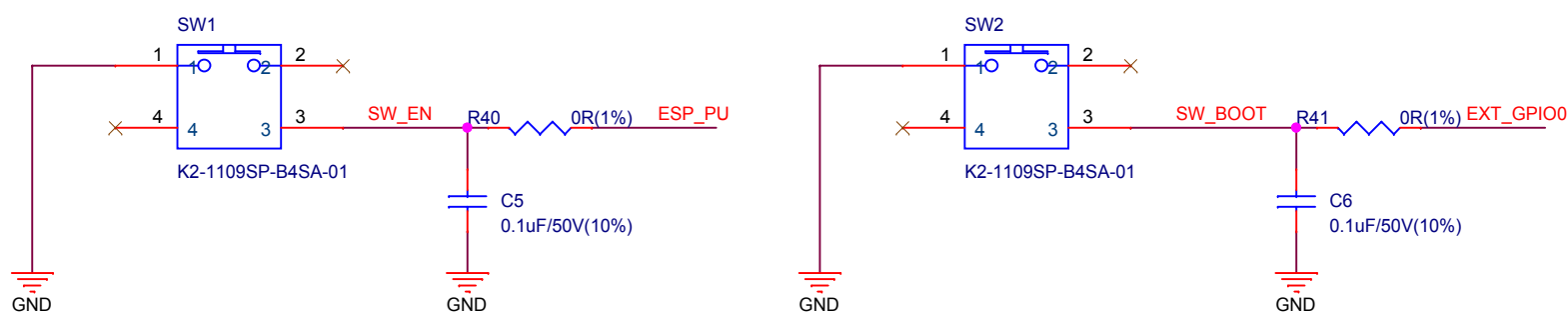
System Block 1: Evaluation Board

- 1. Main-board Plus several sub-boards (Touch、LCD、Audio、Camera etc) , connected via FPC cable;
- 2. All GPIOs are broken out to Pin Headers;
- 3. Light、Temperature and Humidity、Gyroscopoe and Accelerometer etc sensors can mounted on Main-board; Or they can be mounted on one sub-board.

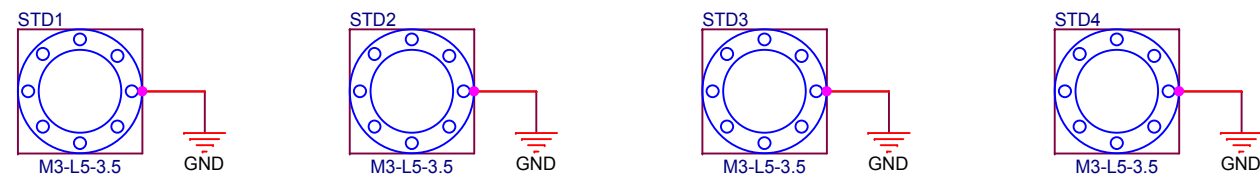




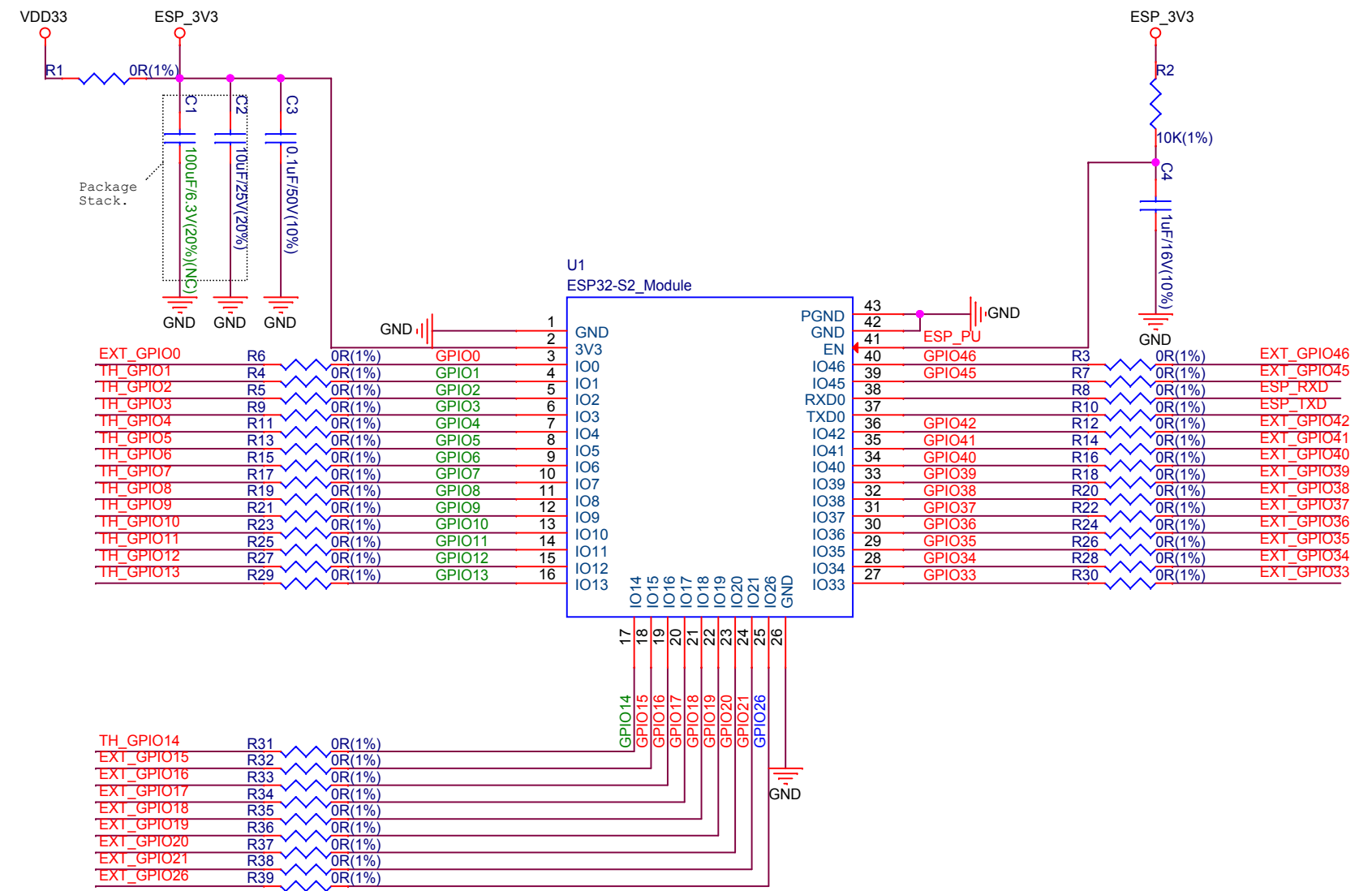
Boot/RST Button:



Locating Holes:

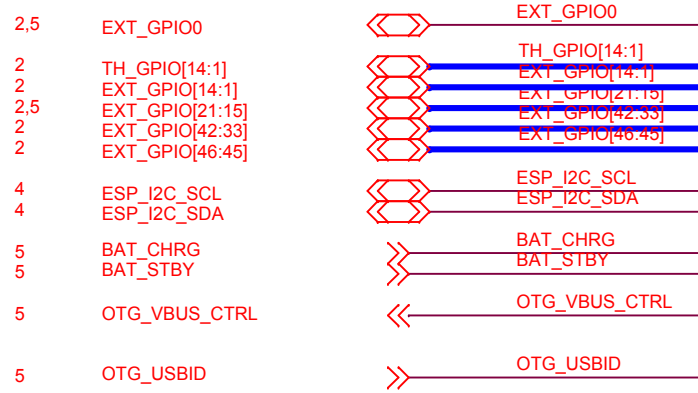


ESP32-S2 Module:

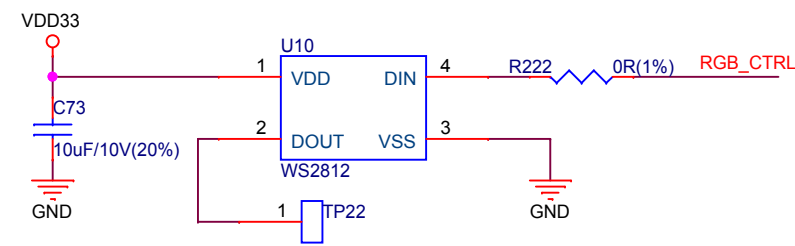


External Pin Header:

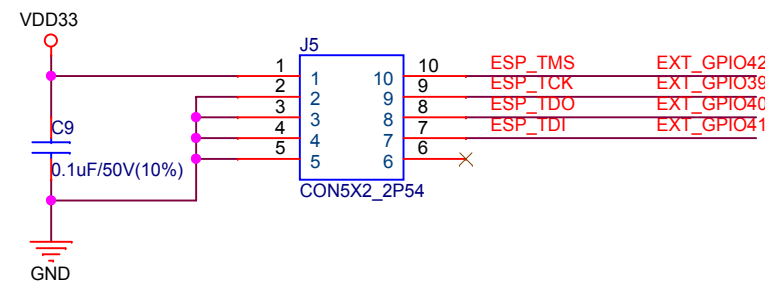




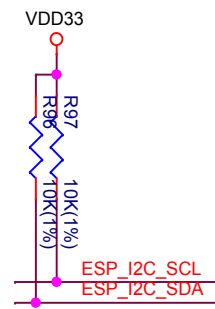
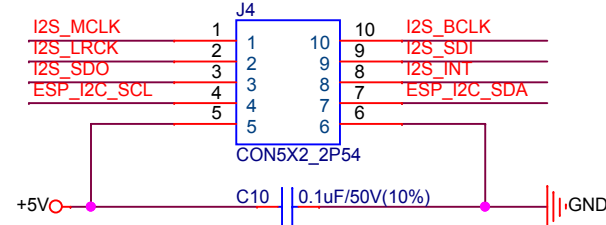
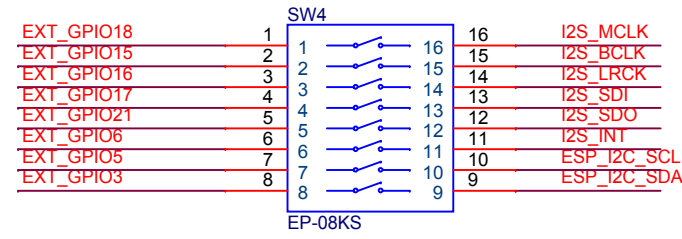
RGB LED:



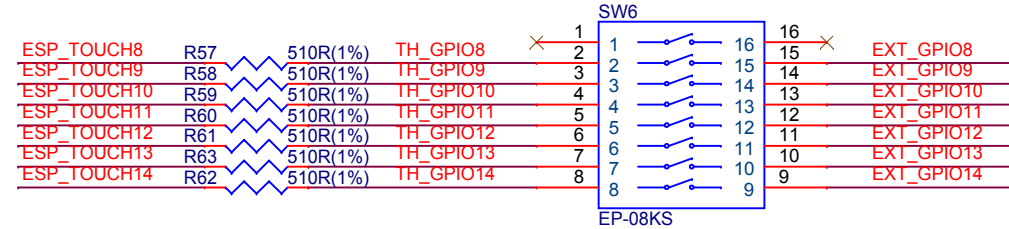
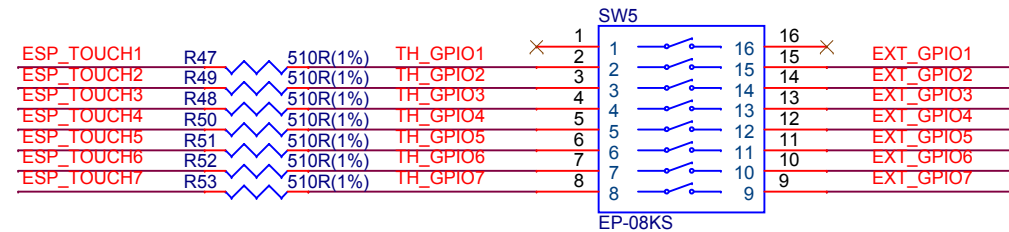
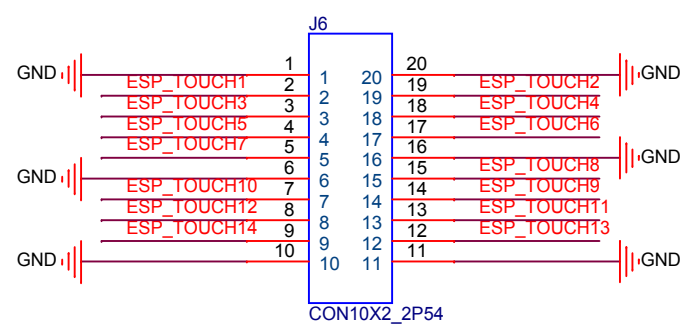
JTAG:



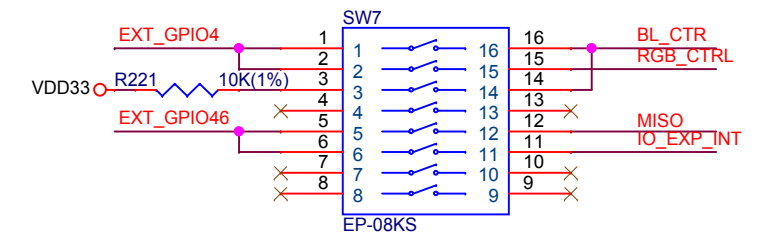
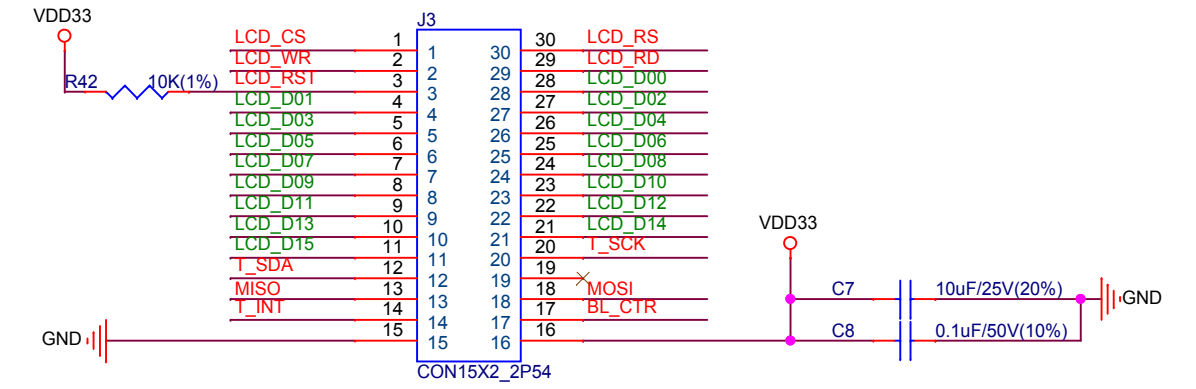
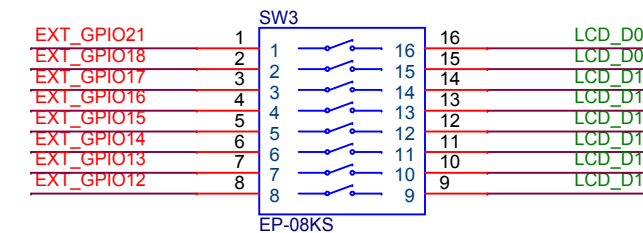
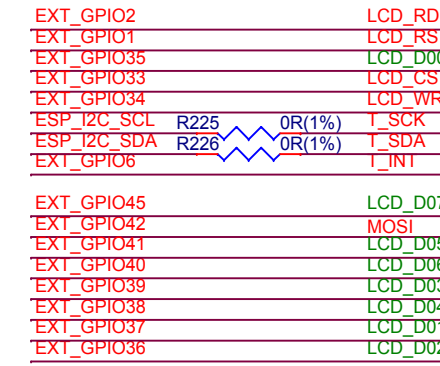
I2S Audio:



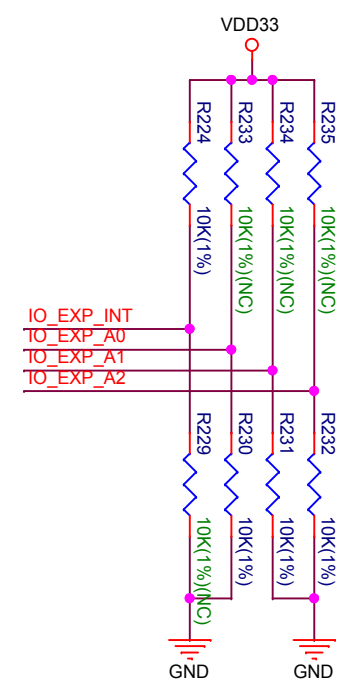
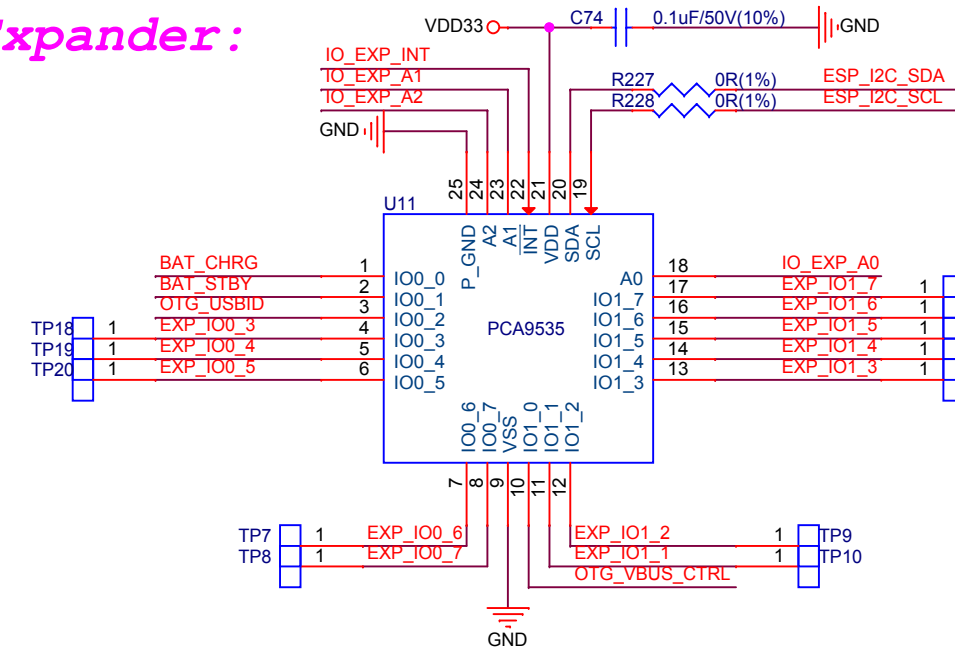
Touch Connector:



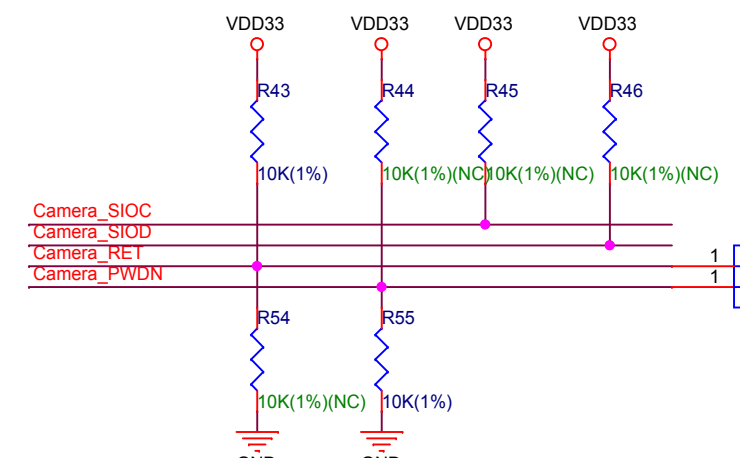
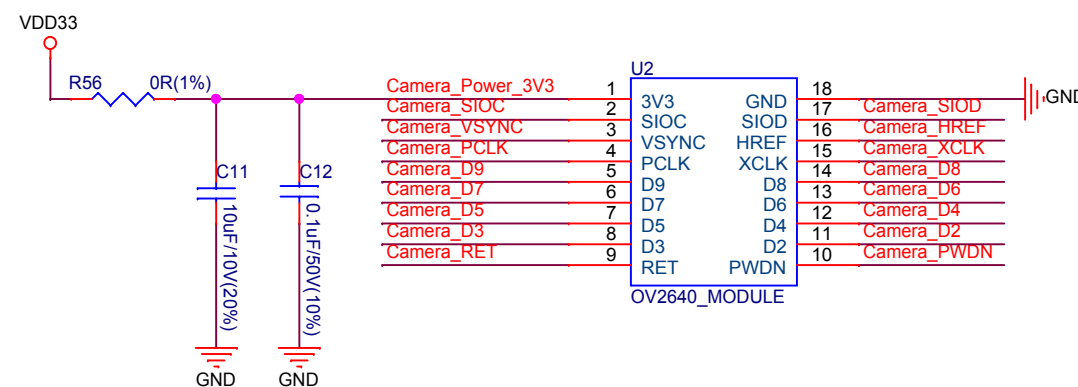
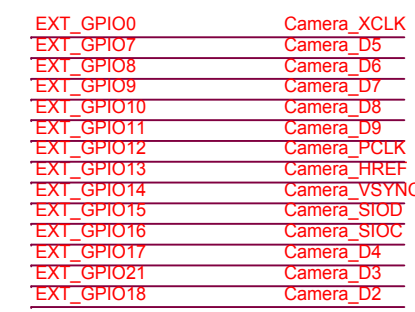
LCD Connector:



I/O Expander:



Camera:



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Size Document Number

C 03_Peripheral_Interface

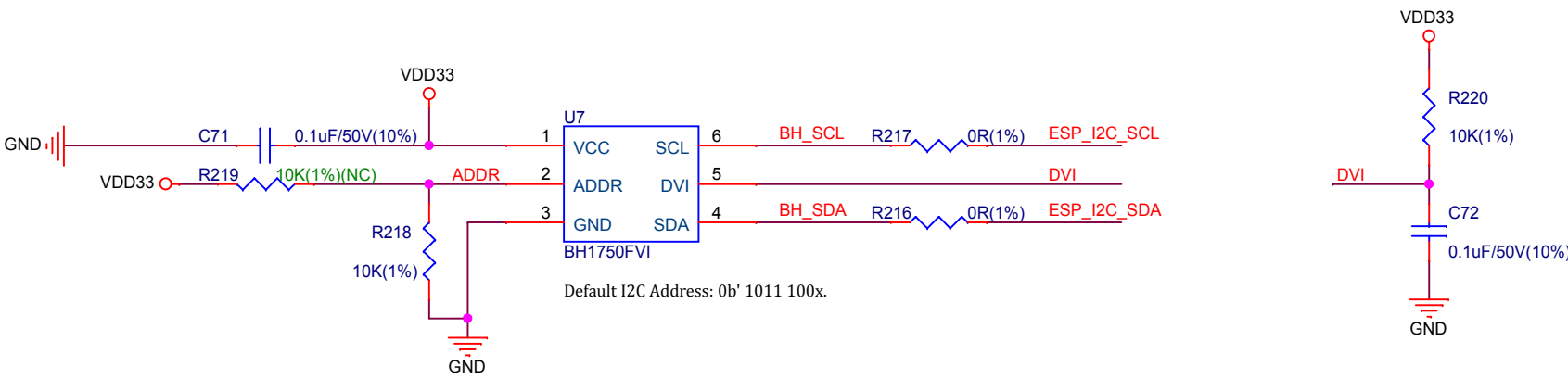
Date: Tuesday, May 28, 2019

Sheet 3 of 5

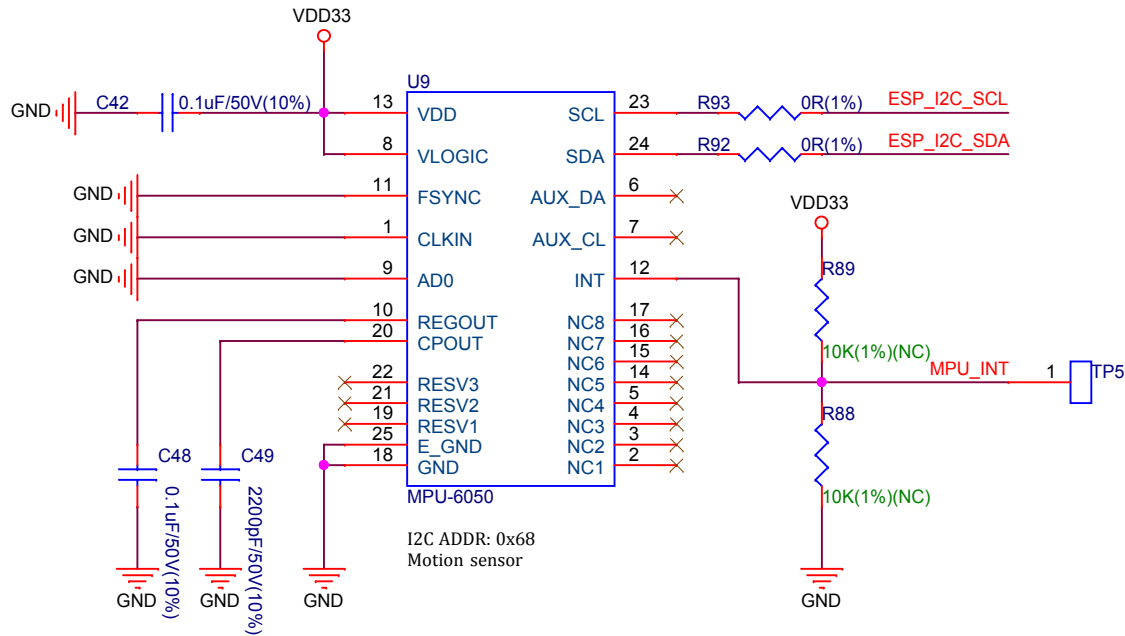
Rev V1.0



Light Sensor:



Motion Sensor:



Temperature & Humidity Sensor:

