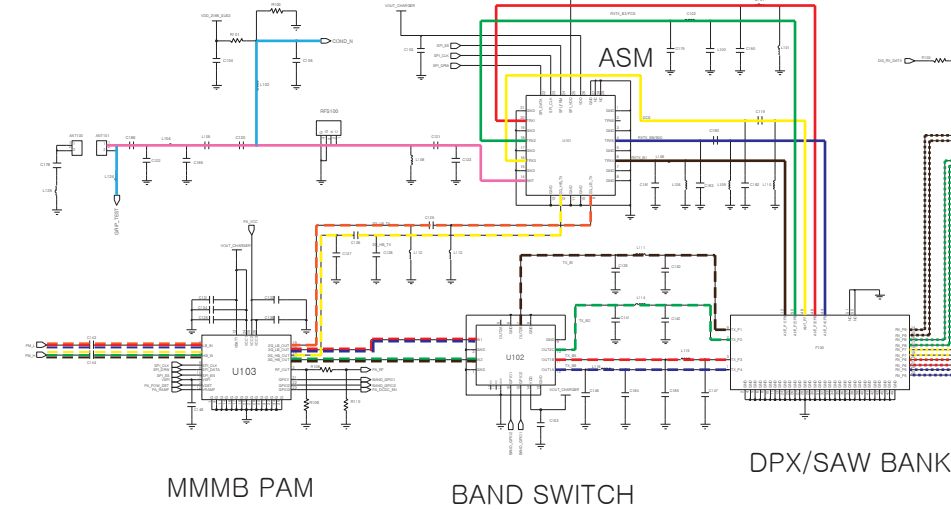
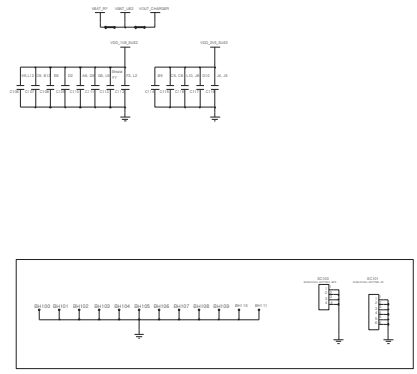
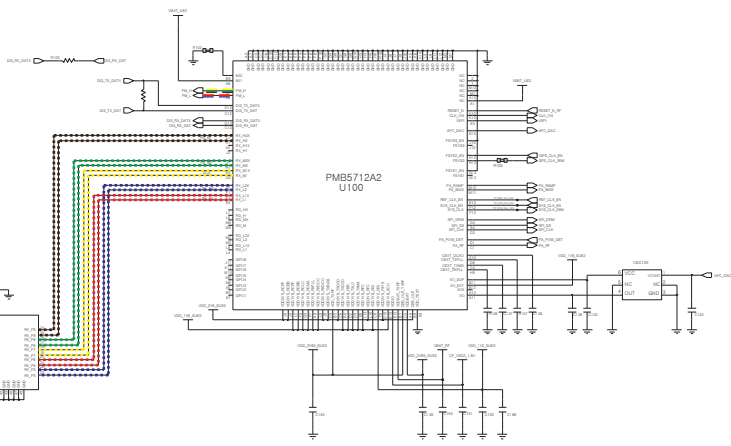


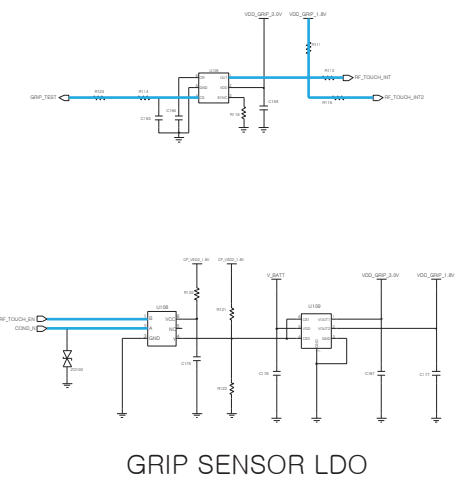
## RF\_PART



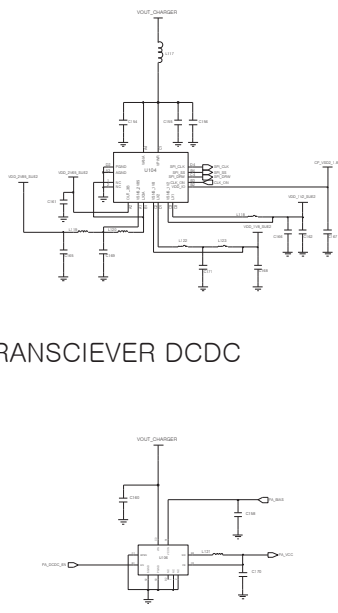
## TRANSCIEVER



## GRIP SENSOR



## TRANSCIEVER DCDC

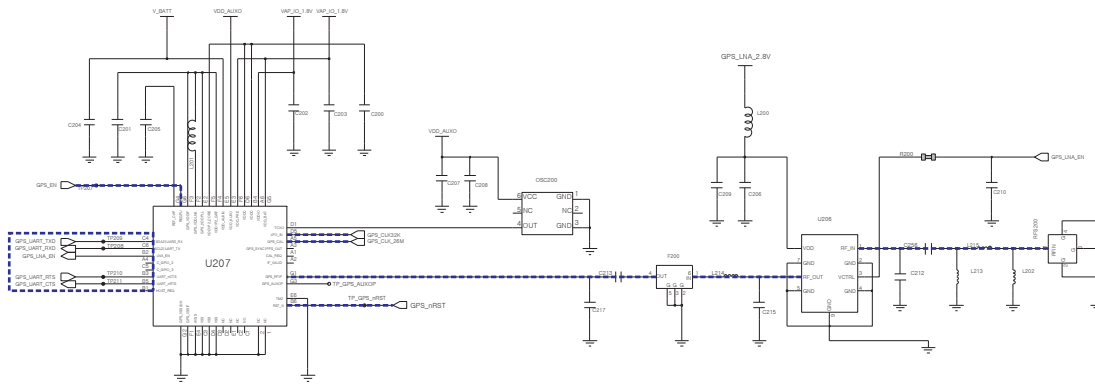


## PAM DCDC

- Ant
- GSM850/ WCDMA850 TX/ RX
- GSM900/ WCDMA900 TX/ RX
- GSM1800 TX/ RX
- GSM1900/ WCDMA1900 TX/ RX
- WCDMA2100 TX/ RX
- GSM850/ WCDMA850 RX
- GSM900/ WCDMA900 RX
- GSM1800 RX
- GSM1900/ WCDMA1900 RX
- WCDMA2100 RX
- WCDMA850 TX
- WCDMA900 TX
- WCDMA1900 TX
- WCDMA2100 TX
- GSM850/ GSM900 TX
- GSM1800/ GSM1900 TX
- Grip Sensor

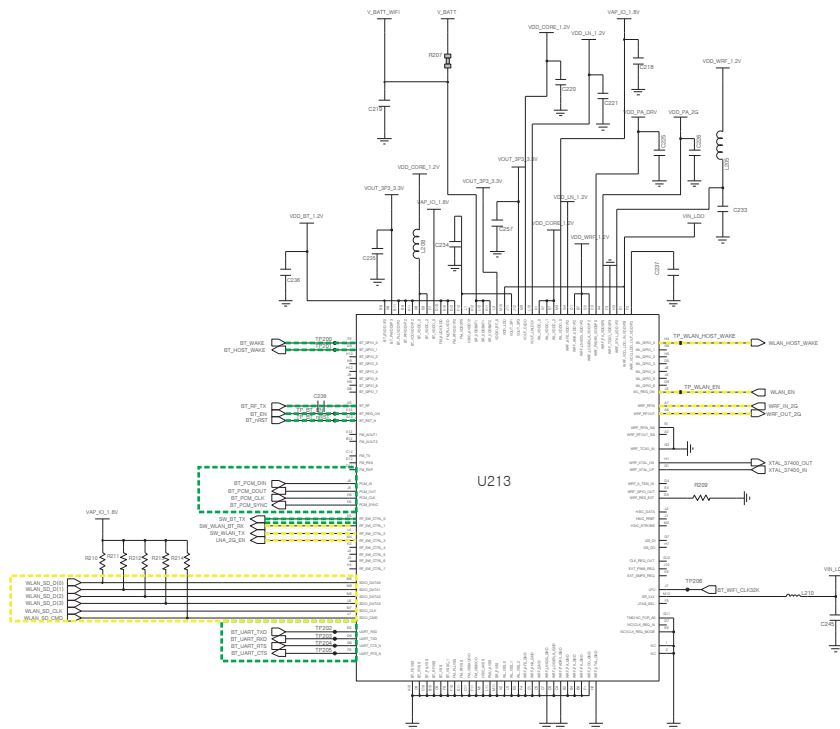
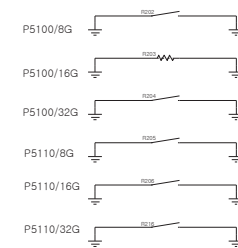
# Service Schematic

## CONNECTIVITY\_PART

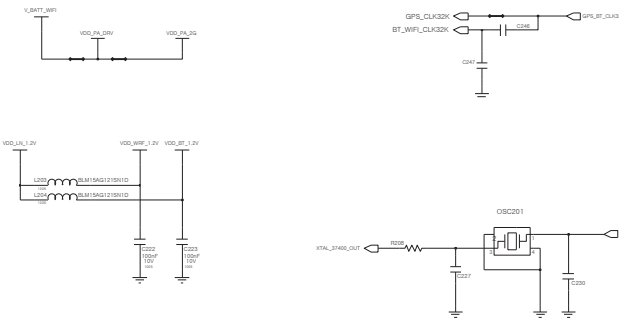


Broadcom GPS

GPS LNA

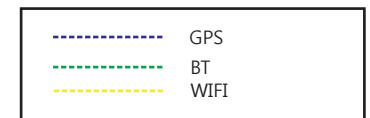
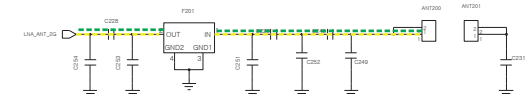


BT/ Wi-Fi

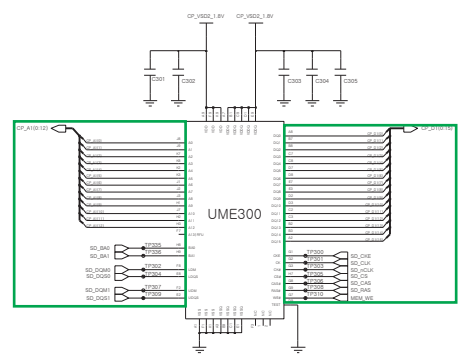
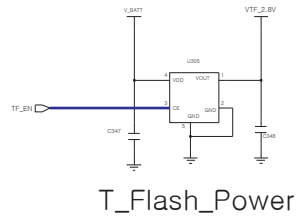
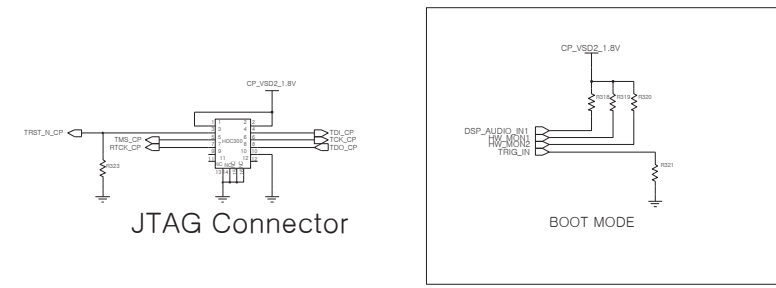
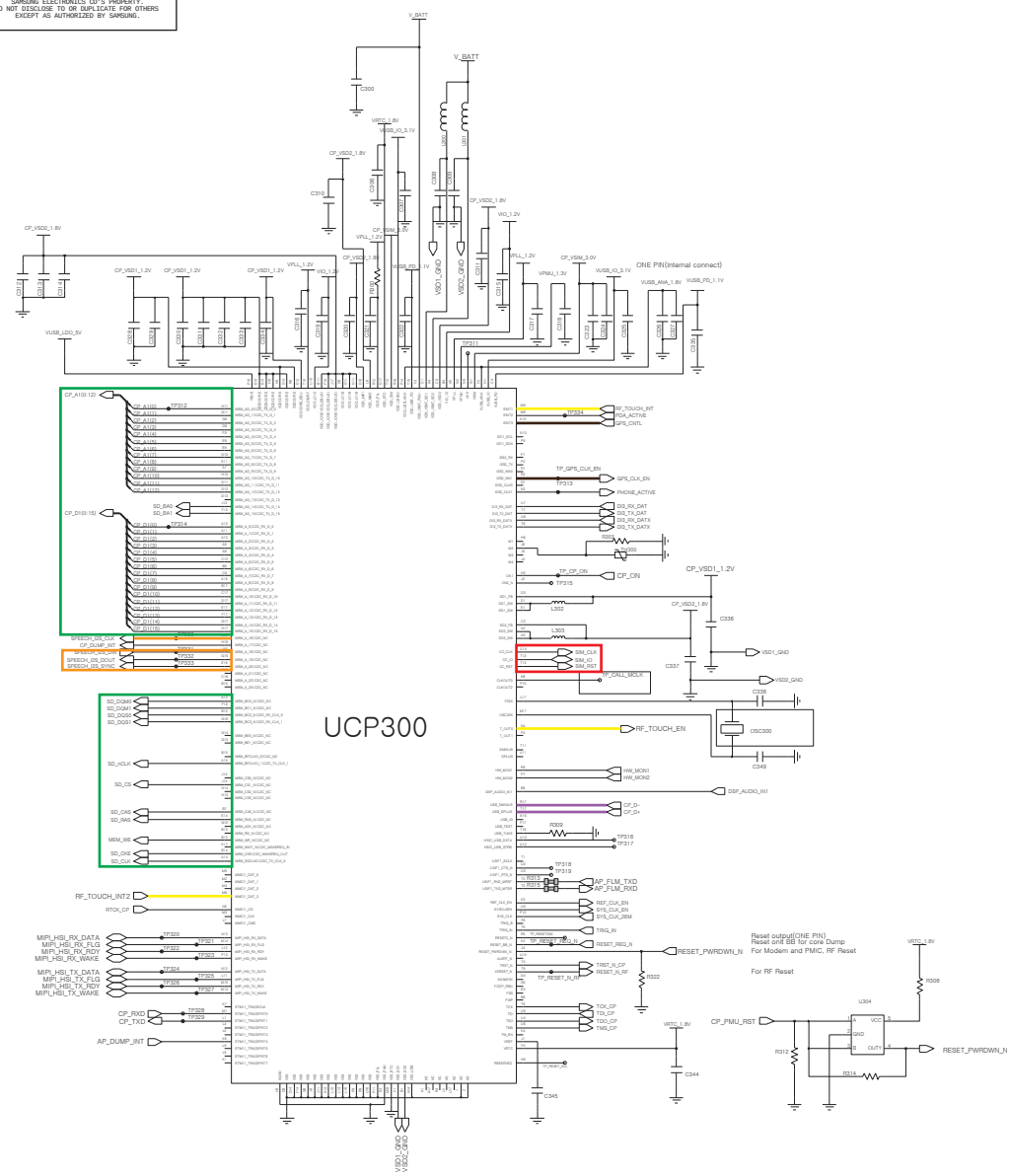


WIFI LNA(2G)

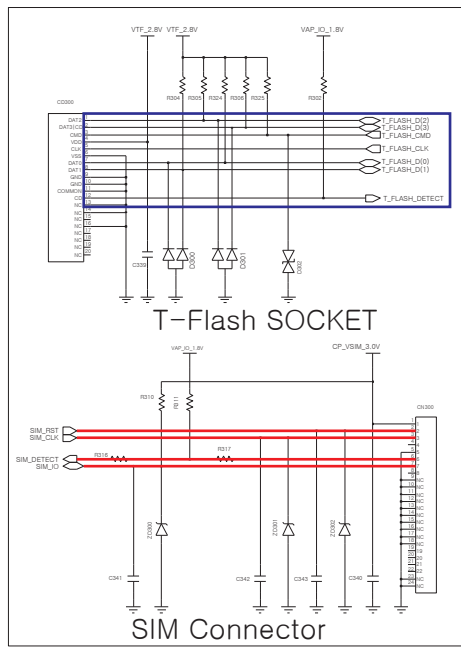
BT/WIFI OSC



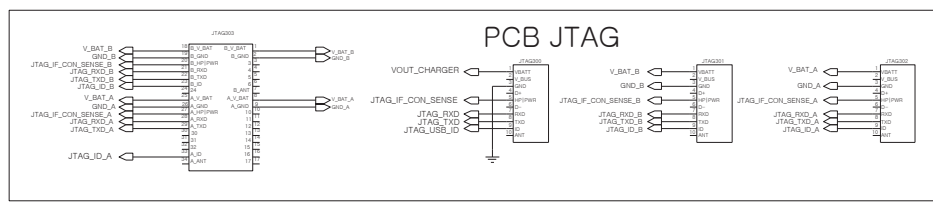
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Mobile DDR SDRAM 512Mb(16M x 16)

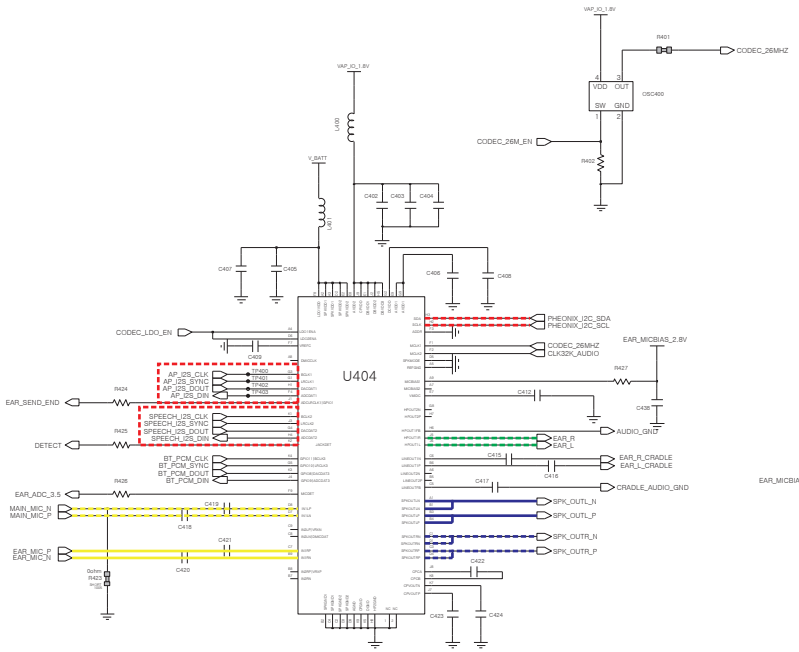


- SIM
- T-Flash
- SDRAM
- Grip Sensor
- USB
- GPS
- Audio
- TX/ RX I/Q

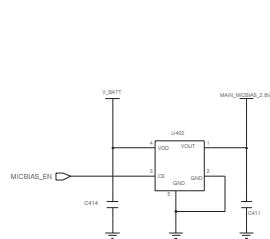


# Service Schematic

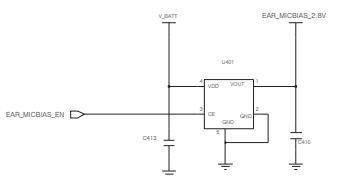
# Audio PART



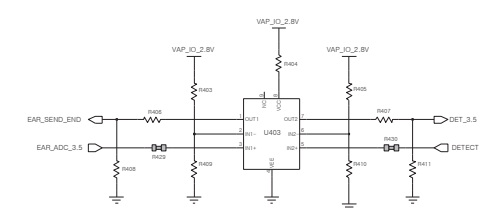
AUDIO CODEC



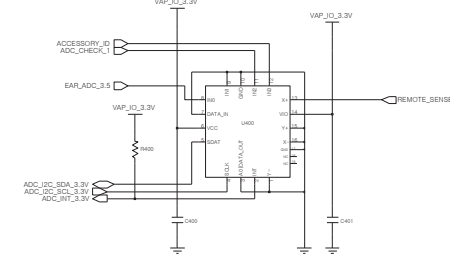
MIC BIAS LDO



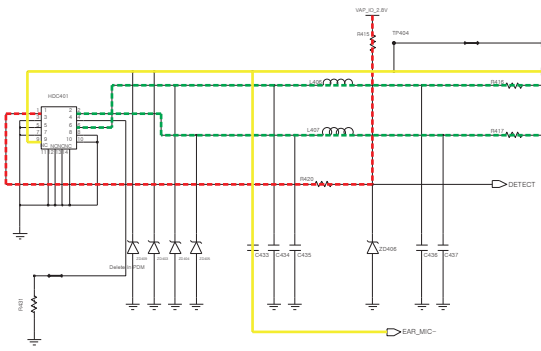
EAR\_MICBIAS 2.8V



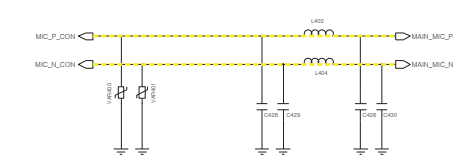
Comparator



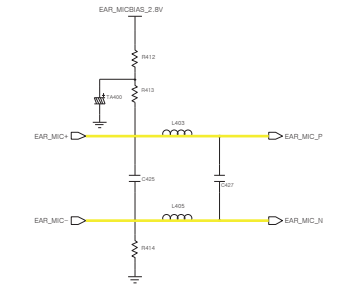
ADC IC



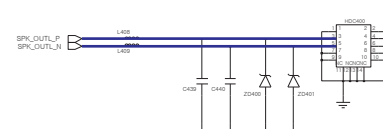
3.5PI EARJACK & / MOTOR Conn.



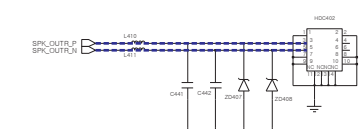
Main MIC



Ear MIC

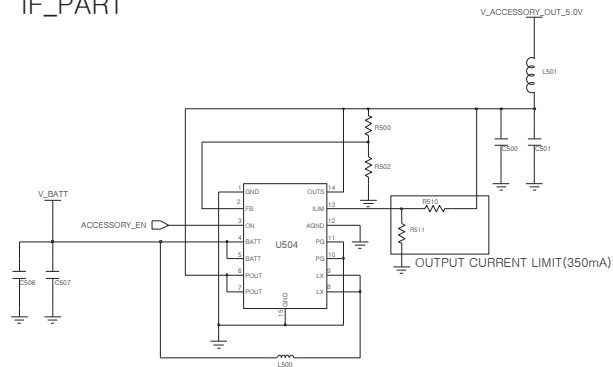


Left SPK conn

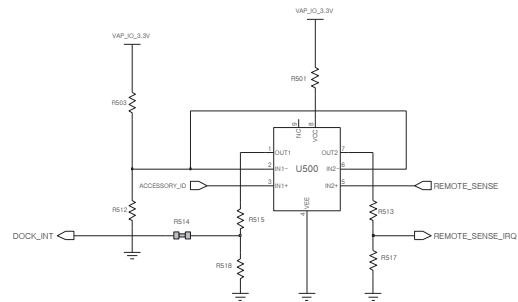


Right SPK / MOT conn

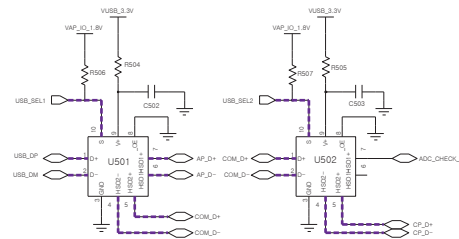
## IF\_PART



ACCESSORY\_PWR

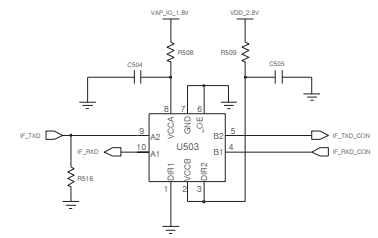


ACCESSORY\_INT

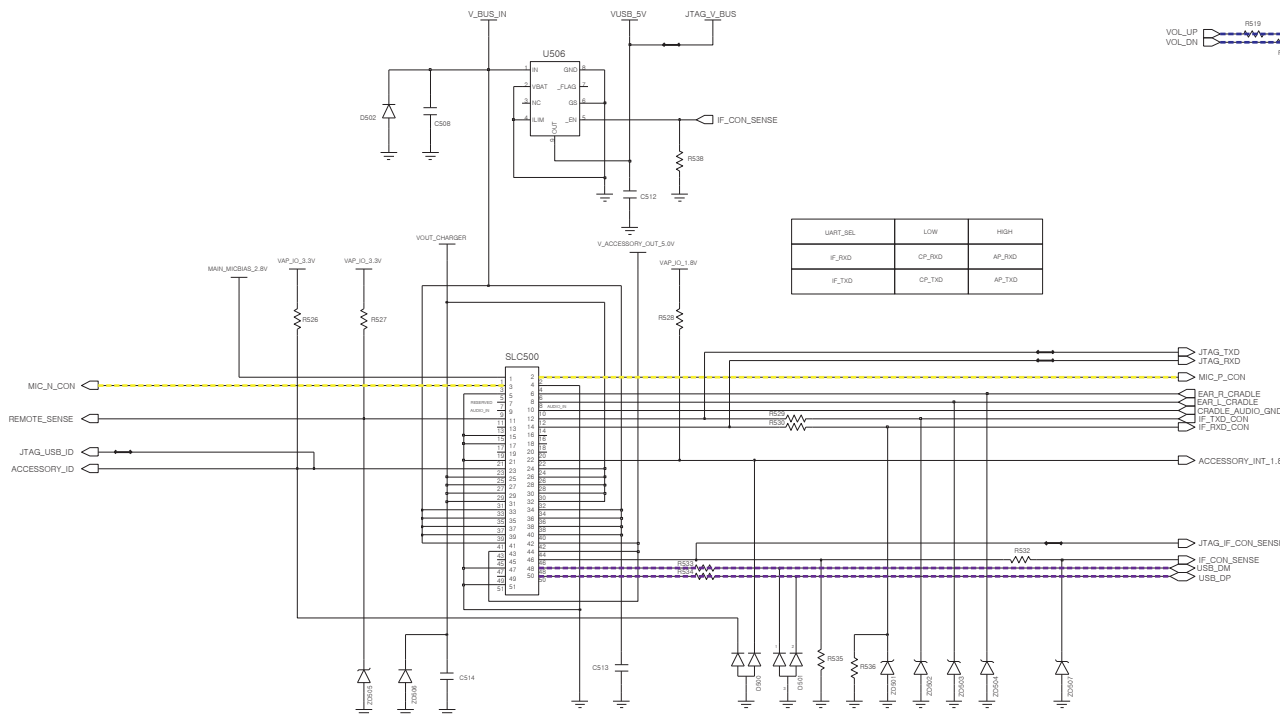


USB SWITCH IC

|         | USB_SEL1 | USB_SEL2 | USB_SEL3 |
|---------|----------|----------|----------|
| AP Core | HIGH     | X        | HIGH     |
| AP Host | HIGH     | X        | LOW      |
| CP      | LOW      | LOW      | X        |
| ADC     | LOW      | HIGH     | X        |

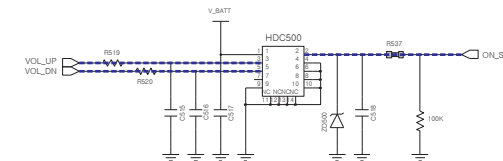


UART Level Shifter



50pin <- 30pin I/F

| UART_SEL | LOW    | HIGH   |
|----------|--------|--------|
| IF_RXD   | CP_RXD | AP_RXD |
| IF_TXD   | CP_TXD | AP_TXD |



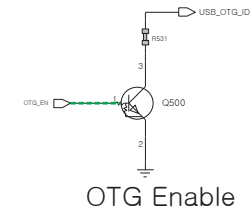
POWER & VOLUME KEY

REAL KEY MAP

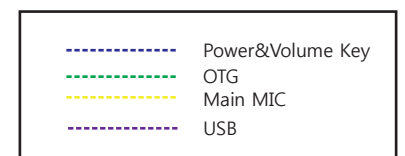
|       | VOL_UP | VOL_DOWN |
|-------|--------|----------|
| KB(1) | KB(0)  | KB(1)    |

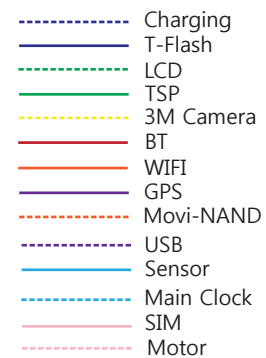
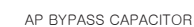
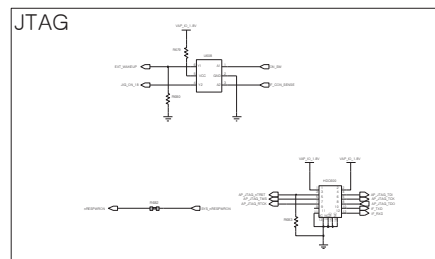
KEYFPCB MAP

|       | VOL_UP | VOL_DOWN             |
|-------|--------|----------------------|
| KB(1) | KB(0)  | VOLUME_ON_CON to GND |

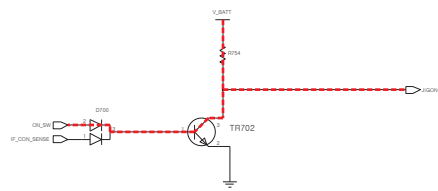


OTG Enable



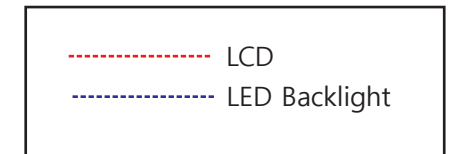


## Service Schematic



## Power On Block





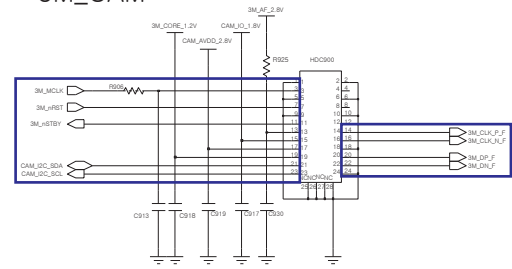
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TSP PART

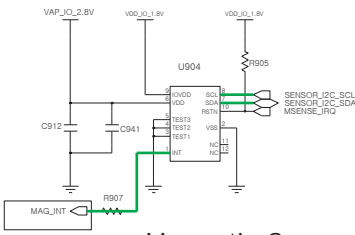
TOUCH SENSOR IC

CAM PART

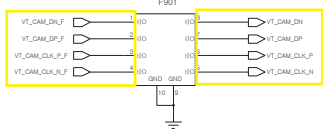
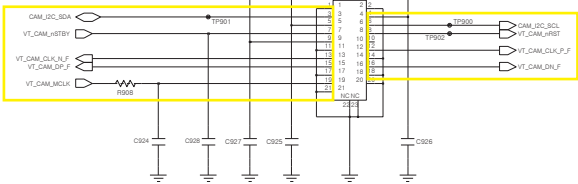
3M\_CAM



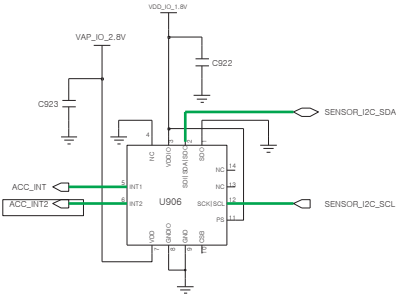
SENSOR\_PART



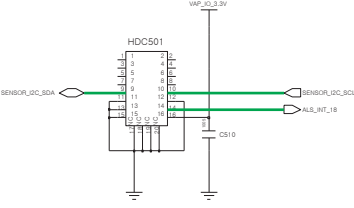
VT\_CAM



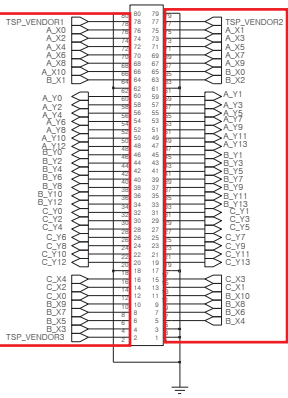
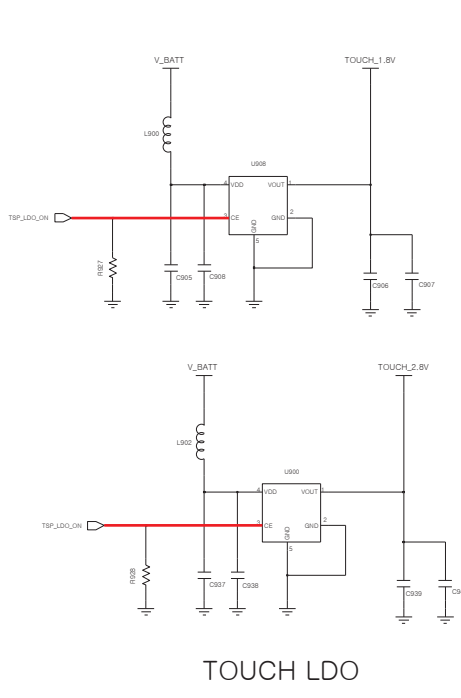
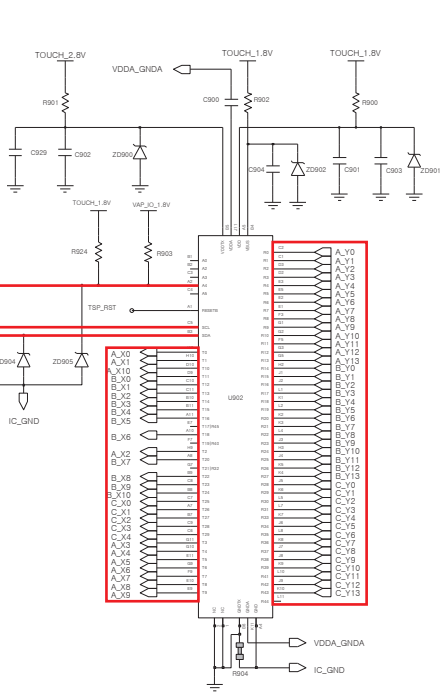
Accelerometer Sensor



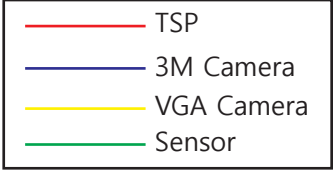
LIGHT



Service Schematic



80Pin TOUCH Con.



CAMERA POWER

