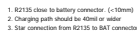
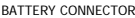
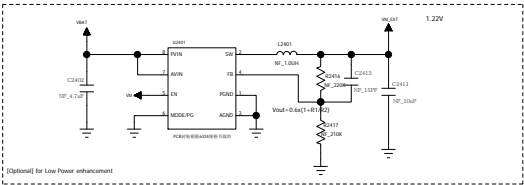


TITLE:		REV:
DOCUMENT NO.	20_POWER_MT6328	SIZED: A1
DEPARTMENT: Hardware DEPT.		
COMPANY: WINNTECH		
DESIGNER:	Last Saved Date: 2015/6/9	SHEET: 5 OF 21

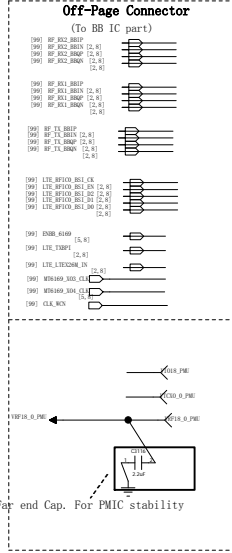
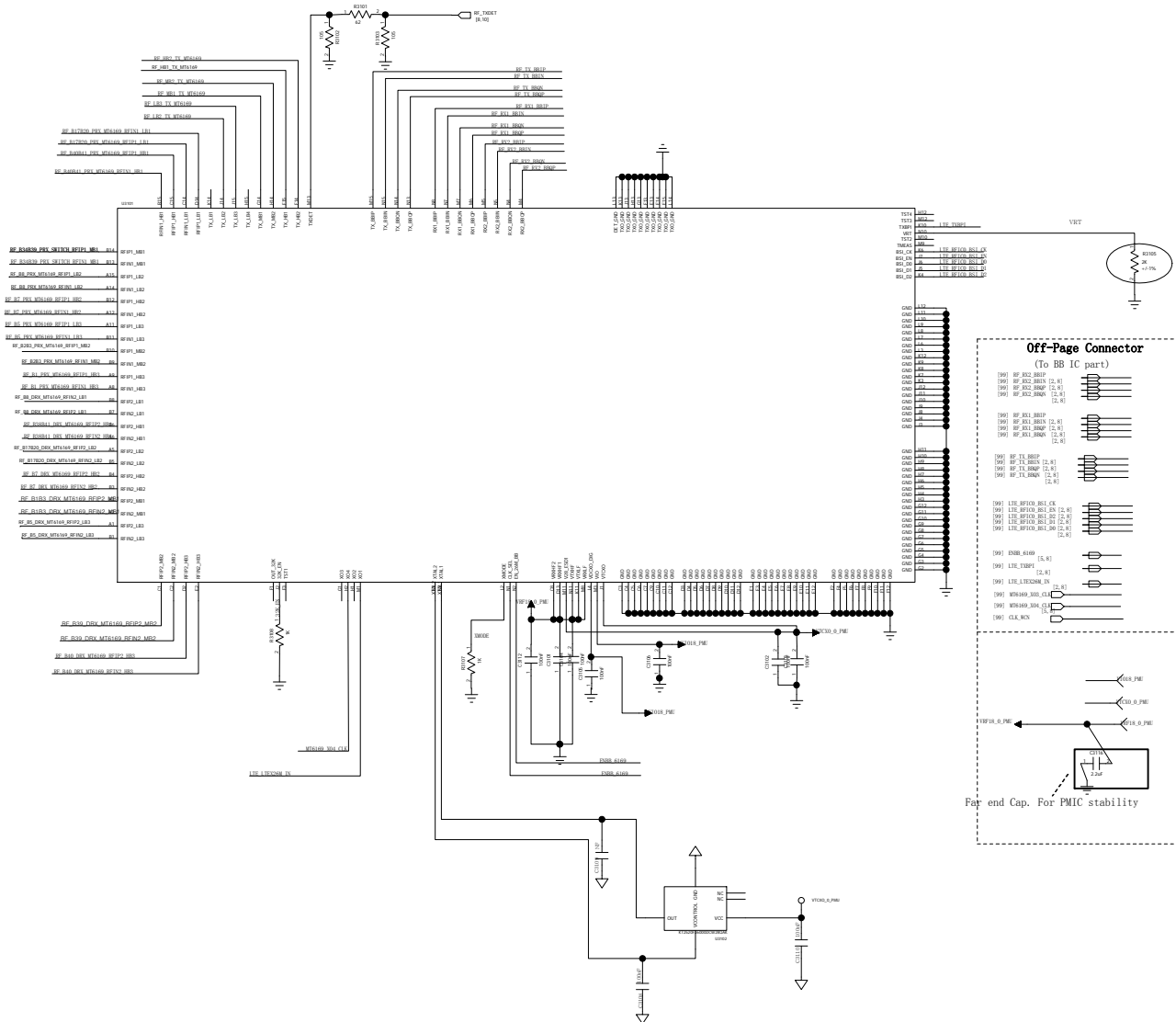
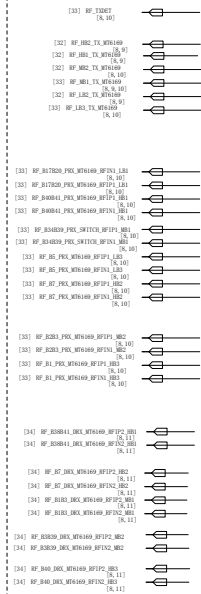


TITLE:		REV:
DOCUMENT NO.:	21_POWER_BATCON_CHARGER	SIZED: A1
DEPARTMENT: Hardware DEPT.		
COMPANY: WINNTECH		
DESIGNER:	Last Saved Date: 2015/6/9	SHEET: 6 OF 21

External Buck for DRAM



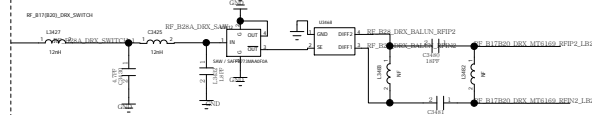
Off-Page Connector
(To RF front-end)



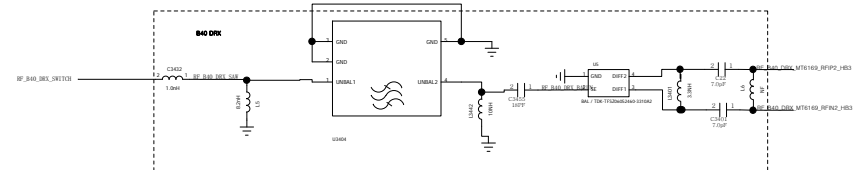
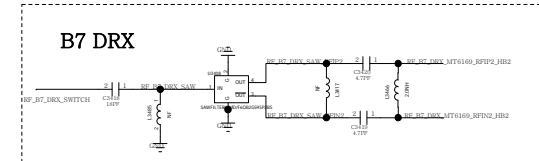
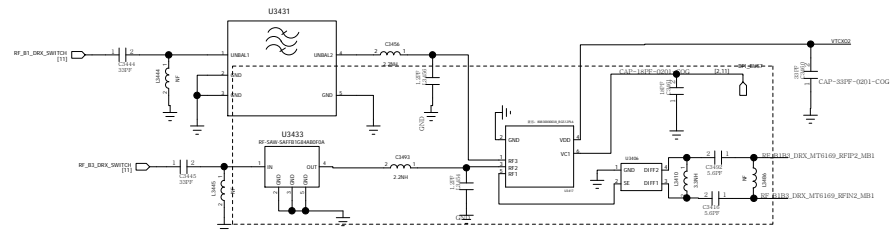
SP6T

[illegible]

B20 DRX

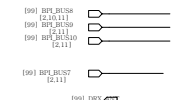
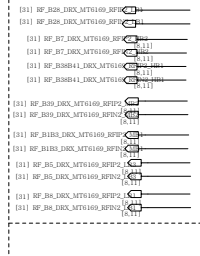


B7 DRX

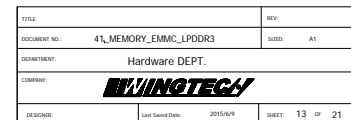


B38B41&B8 DRX

The schematic diagram illustrates the B38B41&B8 DRX circuit. It features two input channels, each starting with a 100k resistor connected to a 5V supply, followed by a 10nF capacitor to ground. The signals then pass through a 1.5k resistor and are connected to the inputs of two 74VHC04 inverters. The outputs of these inverters are connected to two 1.5k resistors, which are then connected to two 1.5k resistors. The final outputs are connected to two 1.5k resistors, which are then connected to two 1.5k resistors. The circuit is powered by a 5V supply and ground.



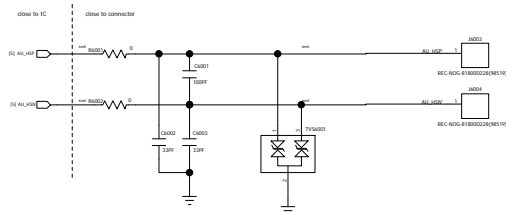
Power I/F	
VIO1B_PMU	VIO1B_PMU
VEMC_3V3_PMU	VEMC_3V3_PMU
DVDD12_EMI	DVDD12_EMI



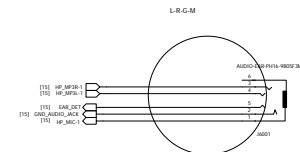
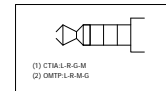
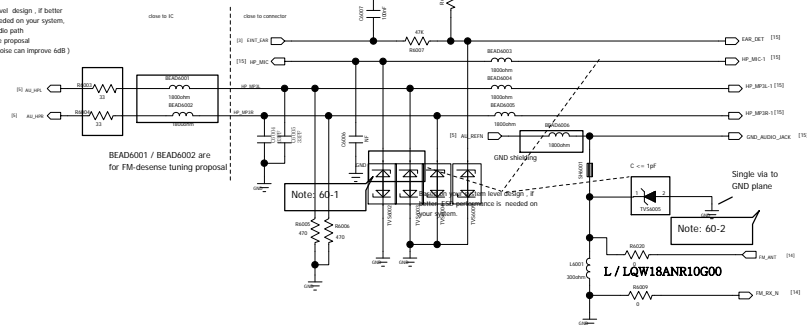
Speaker

Earphone Audio

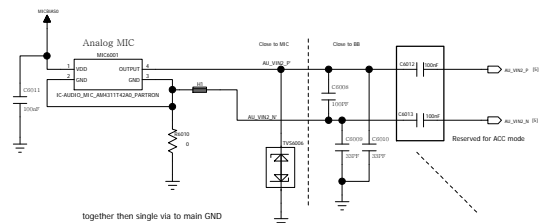
Receiver



Based on your system level design, if better Audio performance is needed on your system, please add 32ohm to audio path for performance enhance proposal (32ohm condition pop noise can improve 6dB)

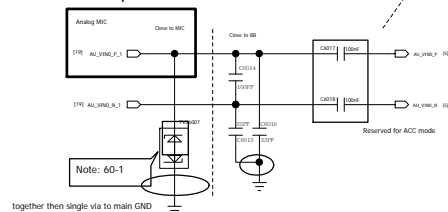


Handset Microphone 2

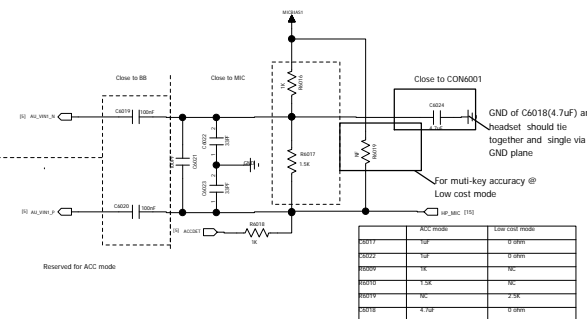


Based on your system level design, if better audio performance is needed on your system, please reserve for ACC mode

Handset Microphone 1



Earphone MICPHONE



Schematic design notice of "60_PERI_AUDIO_IO" page.

Note 60-1: The equivalent capacitance of audio and speech ESD protection device must be $\leq 330\text{pF}$. choose bi-directional device only

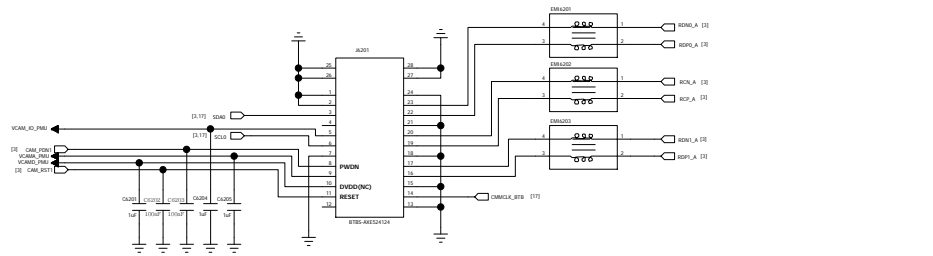
Note 60-2: The equivalent capacitance of FM ANT. ESD protection device must be $\leq 1\text{pF}$.

Note 60-3: TVS Stand off voltage for speaker should $\geq 5\text{V}$

TITLE	60_PERI_AUDIO	REV	A1
DOCUMENT NO.	60_PERI_AUDIO	SUDD	A1
DEPARTMENT	Hardware DEPT.		
COMPANY	W/INOTECH		
DESIGNER	Last Saved Date	2015/5/9	SHEET 15 OF 21

Front Camera

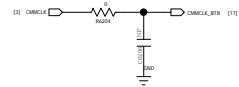
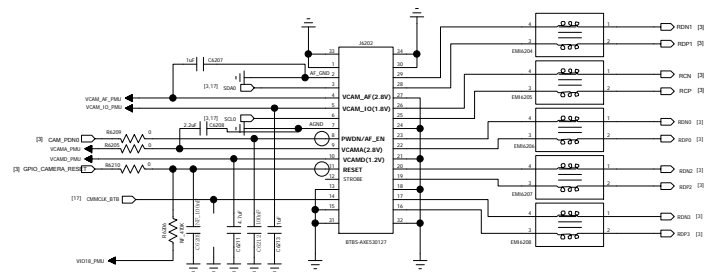
5M:HI551
5-DOVDD=1.8V
9-AVDD=2.8V
10-DVDD(NC)由内部HI-551内部LDO提供



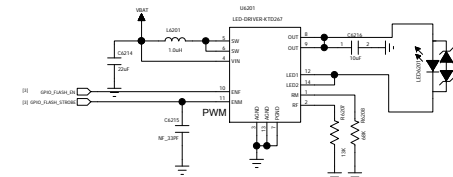
Main Camera

8M:OV8865
8-PWDN(NC);11-RESET

13M:OV13850
8-AF-EN;11-RESET



FLASH LED



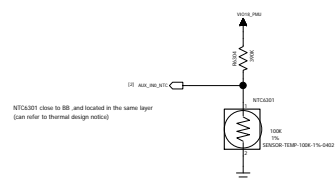
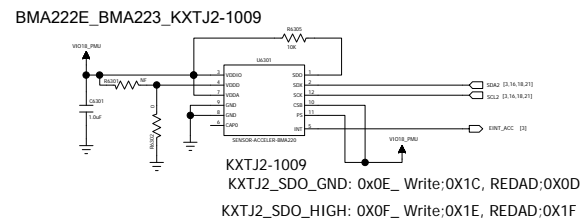
```
flashing:iled1=iled2=6800/9.1k
torch:iled1=iled2=6800/68k
```

TITLE:		REV:
DOCUMENT NO.: 62_PERI_CAMERA		SIZED: A1
DEPARTMENT: Hardware DEPT.		
COMPANY: 		
DESIGNER:	Last Saved Date: 2015/6/9	SHEET: 17 of 21

M-Sensor

M-Sensor I2C Address: 0x0D (Write:0x1A, Read:0x1B)

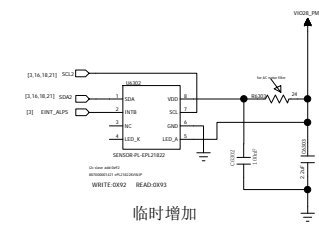
Accerometer




Thermistor / To sense board level temperature

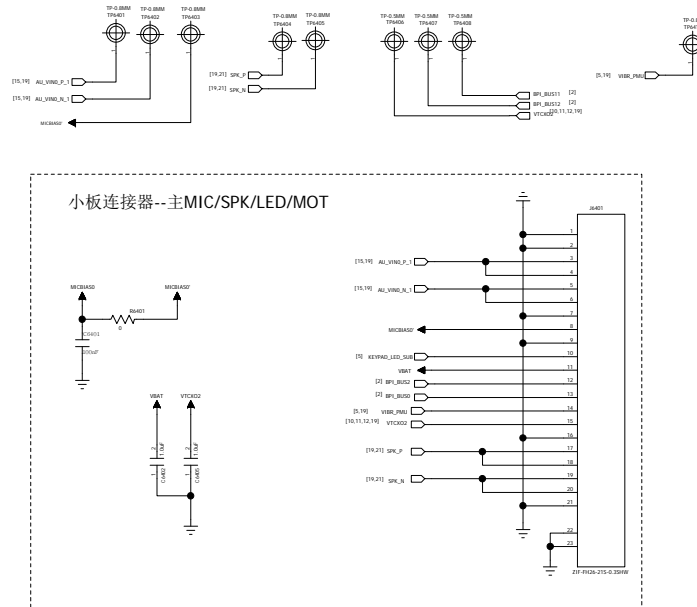
RGB LED

ALS+PS+IR

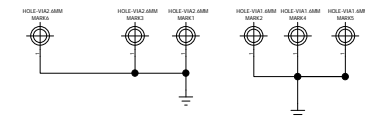
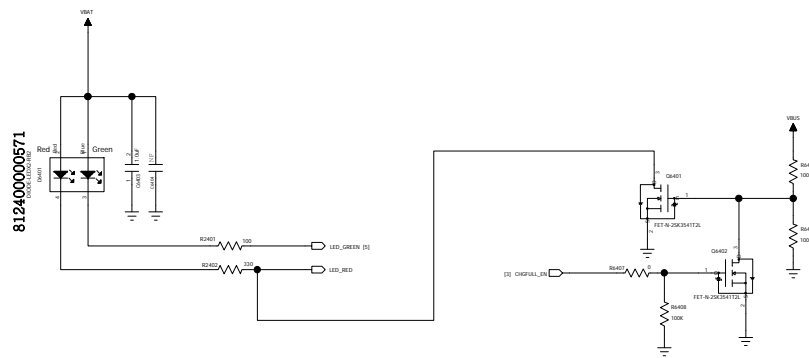
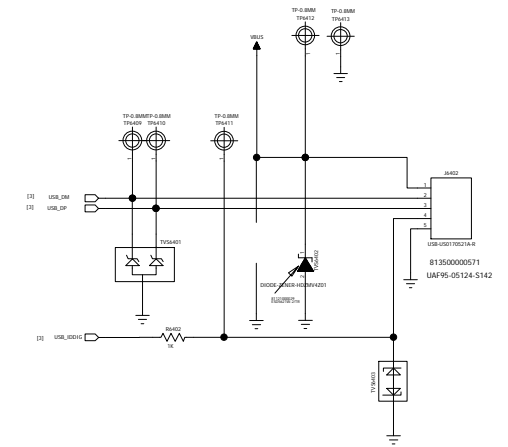


TITLE:		REV:
DOCUMENT NO.:	63_PERI_SENSORS	SIZED: A1
DEPARTMENT: Hardware DEPT.		
COMPANY: 		
DESIGNER:	Last Saved Date: 2015/6/9	SHEET: 18 of 21

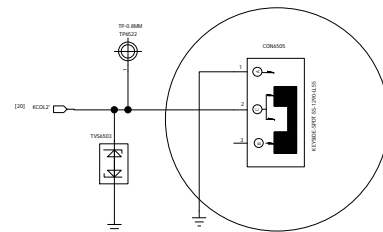
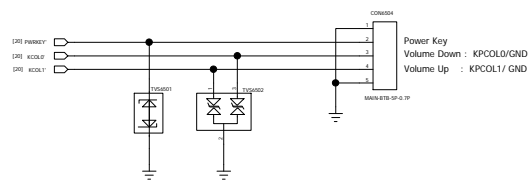
MOTO



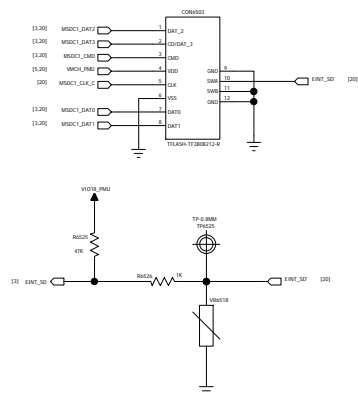
USB



TITLE	REV
DOCUMENT NO. 64_PERI_USB_MHL/VIB/HOLE	SUDD A1
DEPARTMENT	Hardware DEPT.
COMPANY	WINOTECH
DESIGNER	Last Saved Date: 2015/9/9
SHEET	19 OF 21



默认1-2连通,拔一下, 2-3连通;再拨回去1-2再次连通

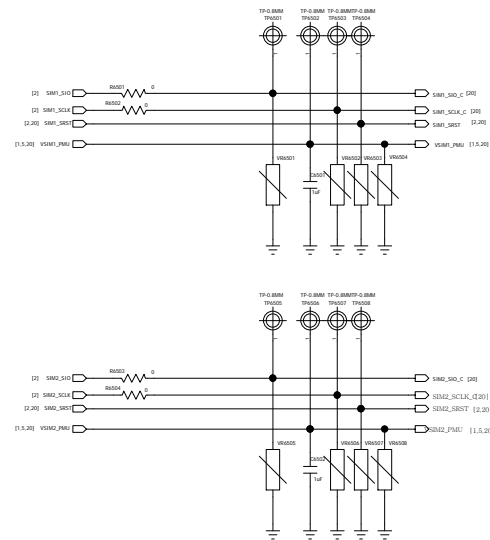


Note: 40-1

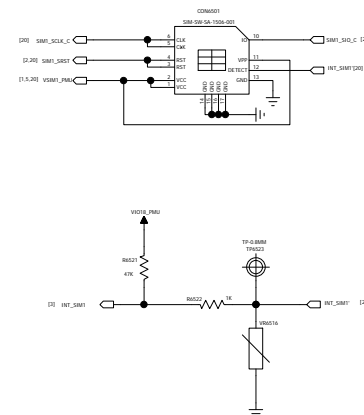
Based on your system level design , if better ESD/desense performance is needed on your system.

Schematic design notice of "40_MEMORY_SD Card" page.

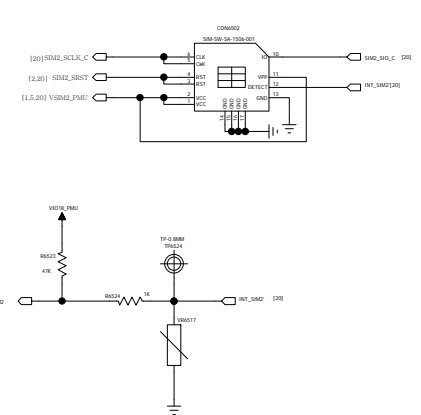
Note 40-1: The equivalent capacitance of MSDC ESD protection device must be $\leq 10\text{pF}$.
But for NFC app. equivalent capacitance of MSDC_NFC_SWPIO and MSDC_NFC_VCCSWP should $\leq 0.5\text{pF}$.



SIM1



SIM2



Smart PA

Smart PA

