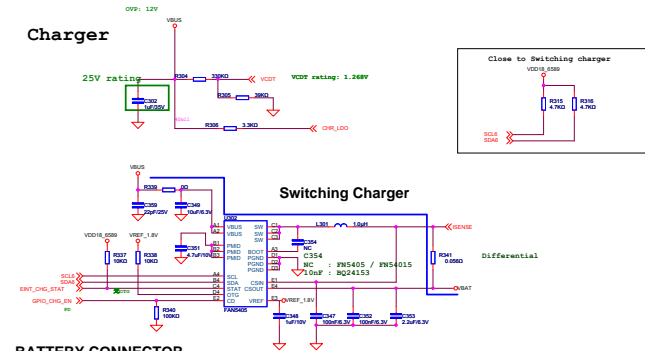
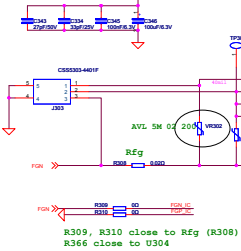


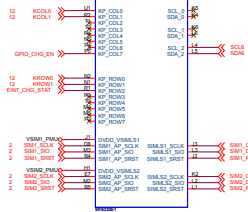
Charger



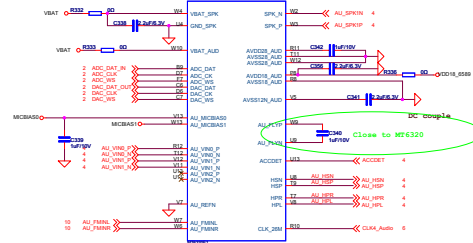
BATTERY CONNECTOR



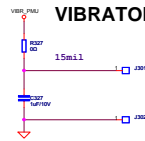
Digital



Audio



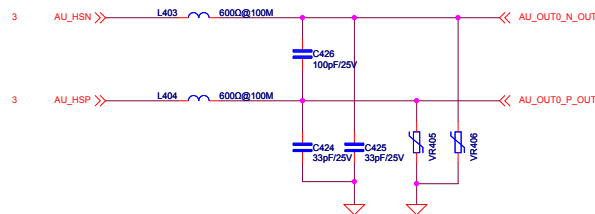
VIBRATOR



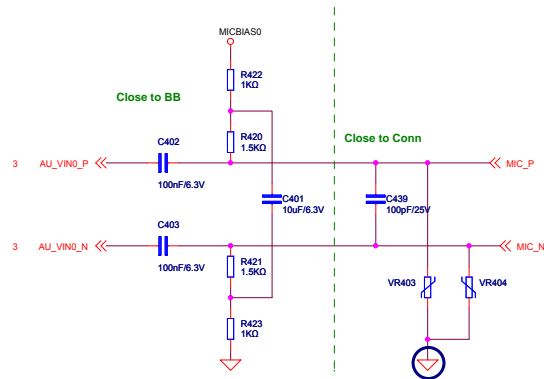
Symbol	LP0082/1.2V	DCR30/1.25V	DDR3/1.35V	DDR3/1.5V
VM_SEL1	L	L	R	R
VM_SEL2	L	R	L	R

Symbol	Application	Vout (V)	Iout (mA)	Cap Value (uF)
Buck	VDDC	0.7-1.4 (DC/DC+PF)	2000	4.7
	VDDC	0.7-1.4 (DC/DC)	1200	30
	VM	1.2/1.35/1.5	1100	10
	VDRAM	Memory	600	10
	VPA	3DPA	600	2.2+0.2
	VDP18	1st RP	300	4.7
	VDP18_2	2nd RP	450	10
	VIO18	IO App.	600	4.7
Analog LDO	VA28	Audio Block	40	1
	VDP18_1	MDSYS	200	2.2
	VDP18_2	General	200	2.2
	YTCX0_1	MDSYS	40	1
	YTCX0_2	MDSYS	40	1
	VCAMA	VCAMA	200	2.2
Digital LDO	VDDC	2.8	400	2.2
	VA8T	APF3001	300	2.2
	VDDB	3.3	200	1
	VMC	T-Card	1.8/3.3	200
	VDCN	T-Card	3.0/3.3	800
	VMMC_3V3	aMMC (Core)	800	4.7
	VMMC_1V8	aMMC	200	2.2
	VCP1	VCAMD	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	400
	VCP2	VCAMD	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
	VCP3	VCAMD	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
	VCP4	CTP/CMOB	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
	VCP5	CTP/CMOB	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
	VCP6	CTP/CMOB	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
	VDSIM1	VEIM2	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
	VDSIM2	VEIM2	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
Vibrator	VIBR	Vibrator	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
RTC	VRTC	RTC Block	2.8	1-22

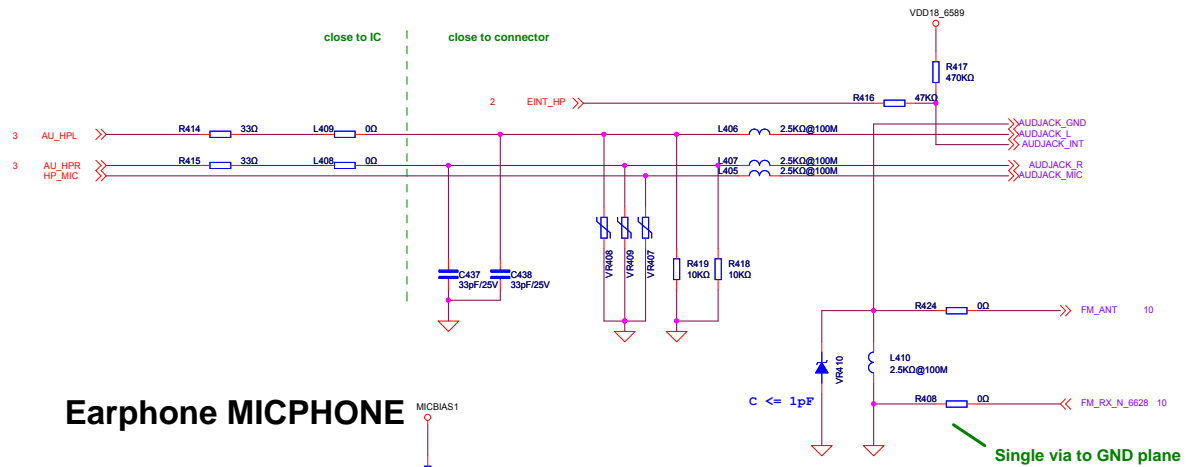
Receiver



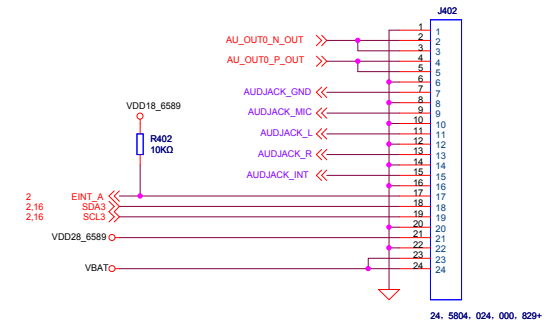
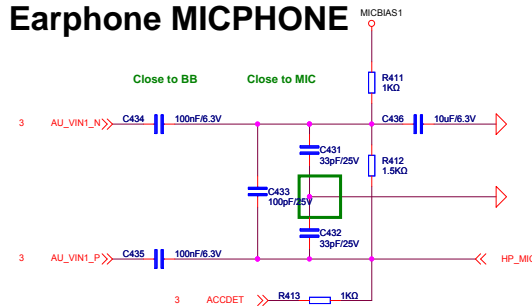
Handset Microphone 1



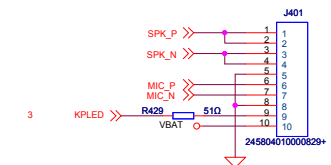
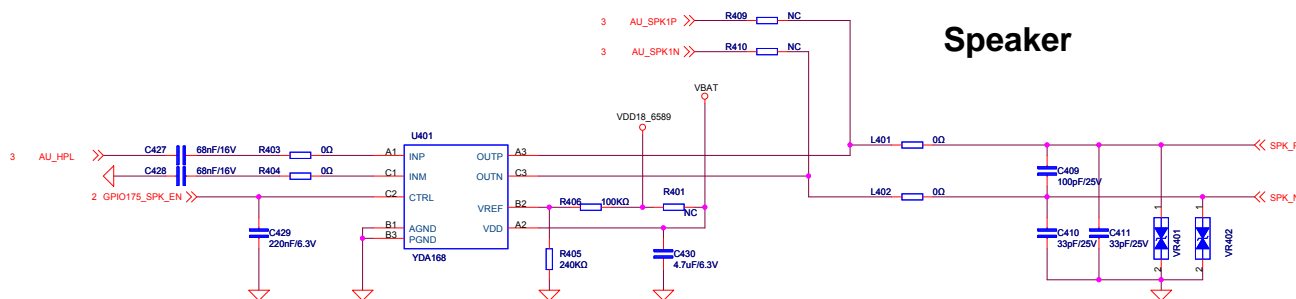
Earphone Audio



Earphone MICPHONE

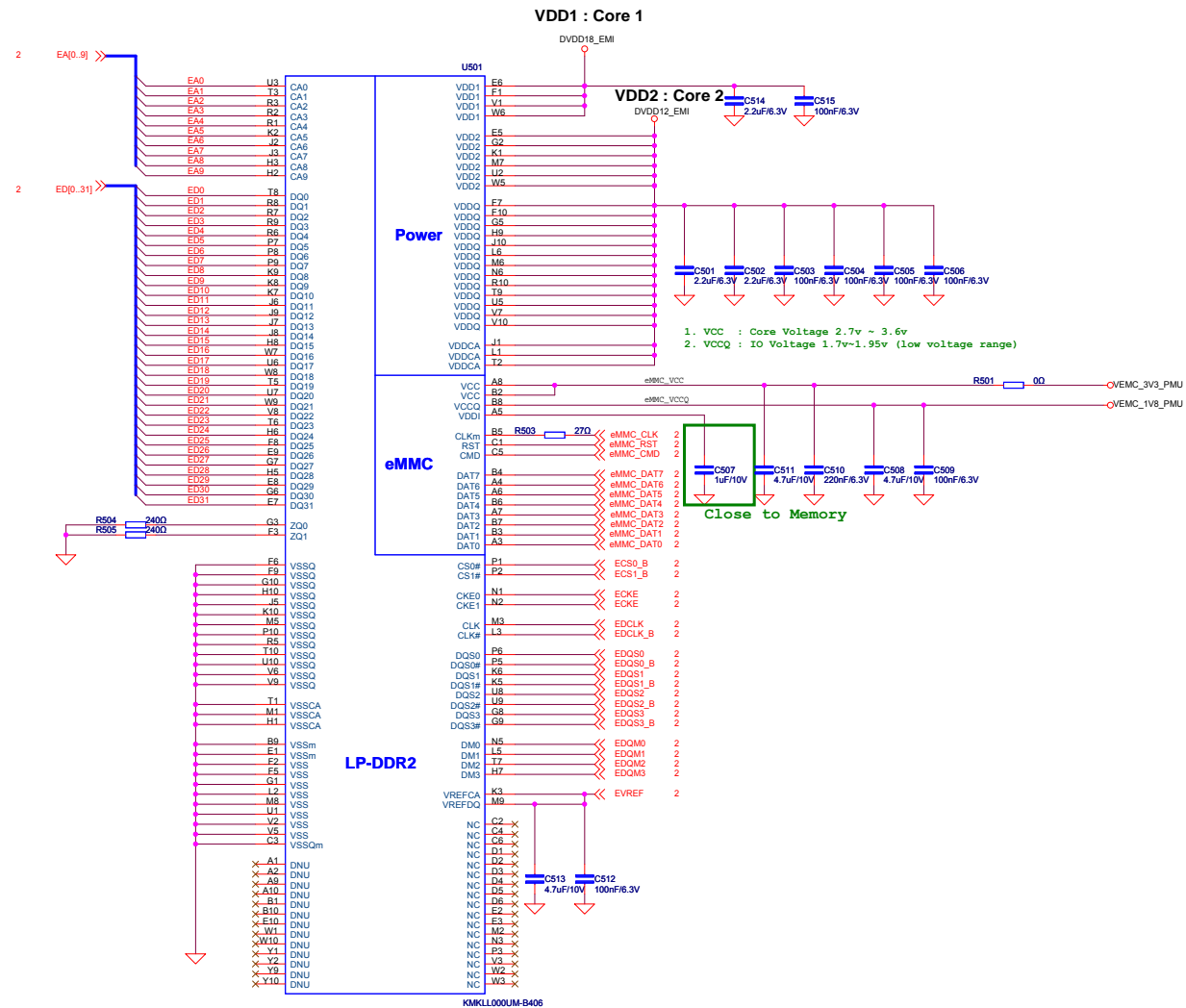


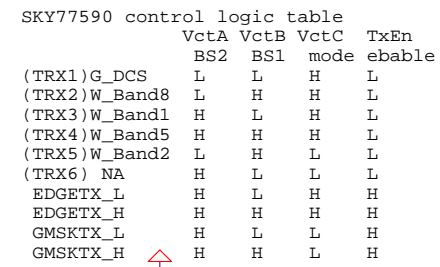
Speaker



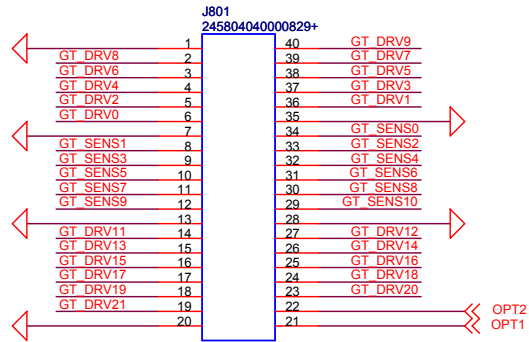
162 Ball, 0.5mm pitch

VDD1=1.8V
VDD2=1.20V
VDDCA=1.2V
VDDQ= 1.20V

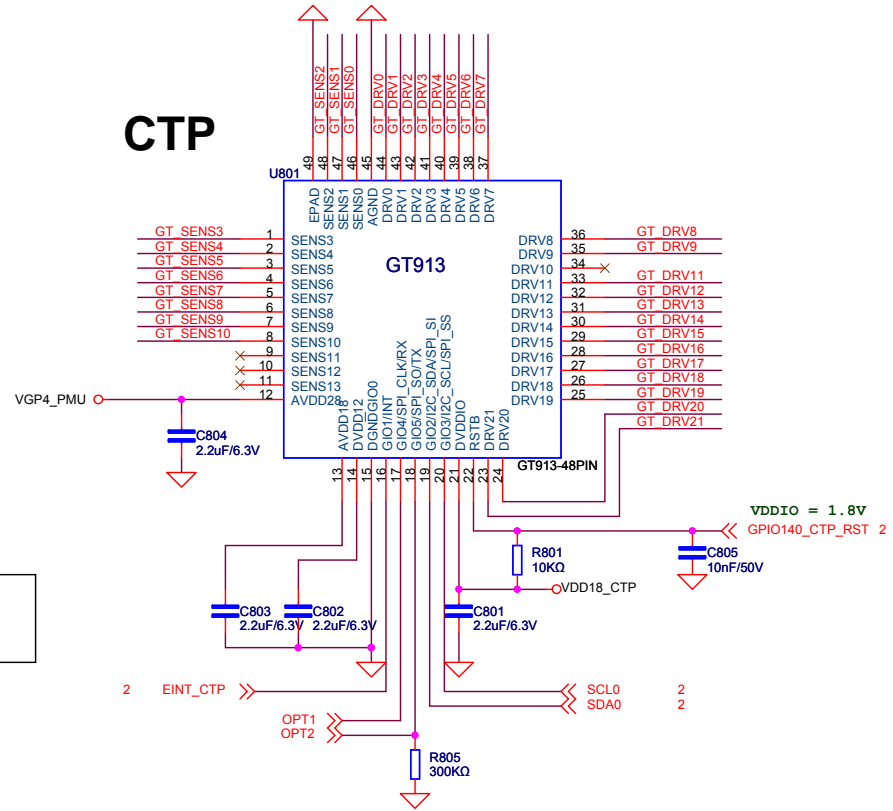




Title									
07 RF TX ASM									
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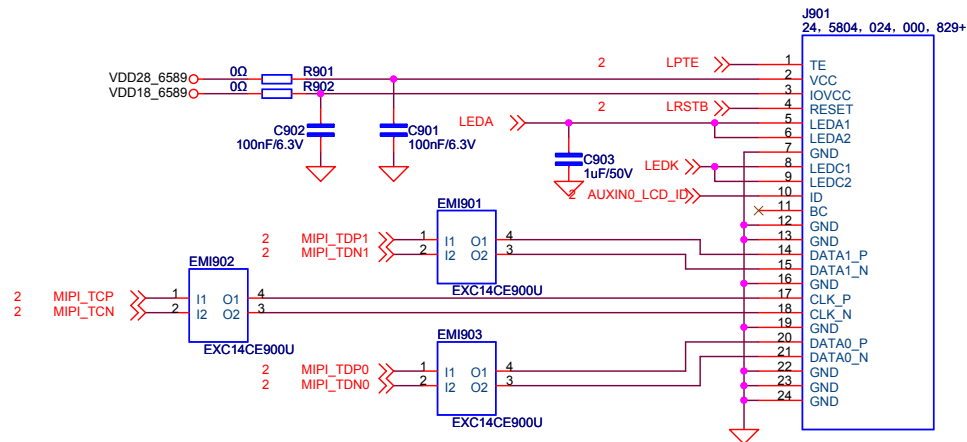


I2C ID
0xBA (power on @INT=low)
0x28 (power on @INT=high)

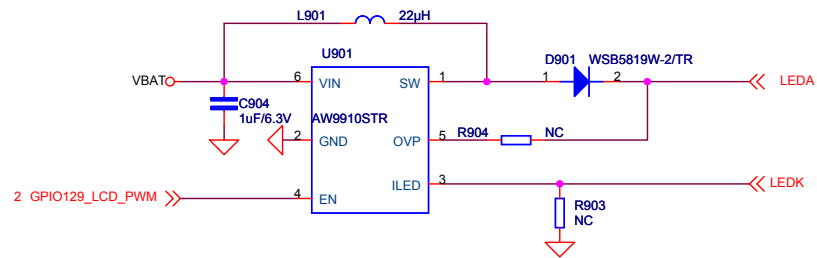


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08 CTP(COB)		
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Main LCM

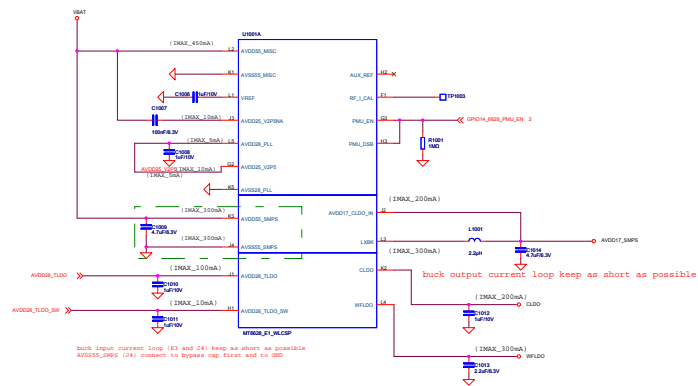


Backlight LED Driver



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MT6628_PMU



MT6628_BT/WiFi

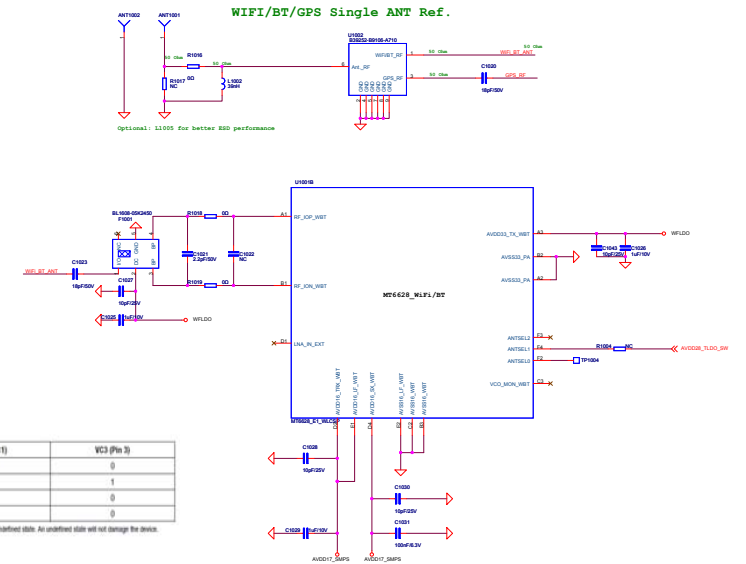


Table 5. SKY65523-11 Truth Table

Mode	VC1 (Pin 1)	VC2 (Pin 11)	VC3 (Pin 3)
Bypass	0	0	0
Transmit	0	0	1
Receive	0	1	0
Bluetooth	1	0	0

Note: "0" = 0 V to +0.25 V, "1" = +2.7 V to +2.8 V. Any state other than described in this Table places the switch into an undefined state. An undefined state will not damage the device.

MT6628_GPIO

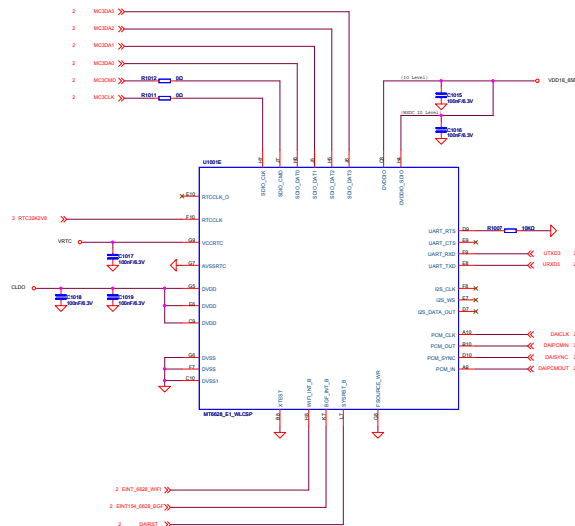
WIFI_Rst1	0	SDIO	
WIFI_Rst2	1	SPI	

Xtal/OSC	0	GPIO	
AMVSEL-1 (N'0)	01	GPIO	
	10	GPIO	
	11	GPIO	

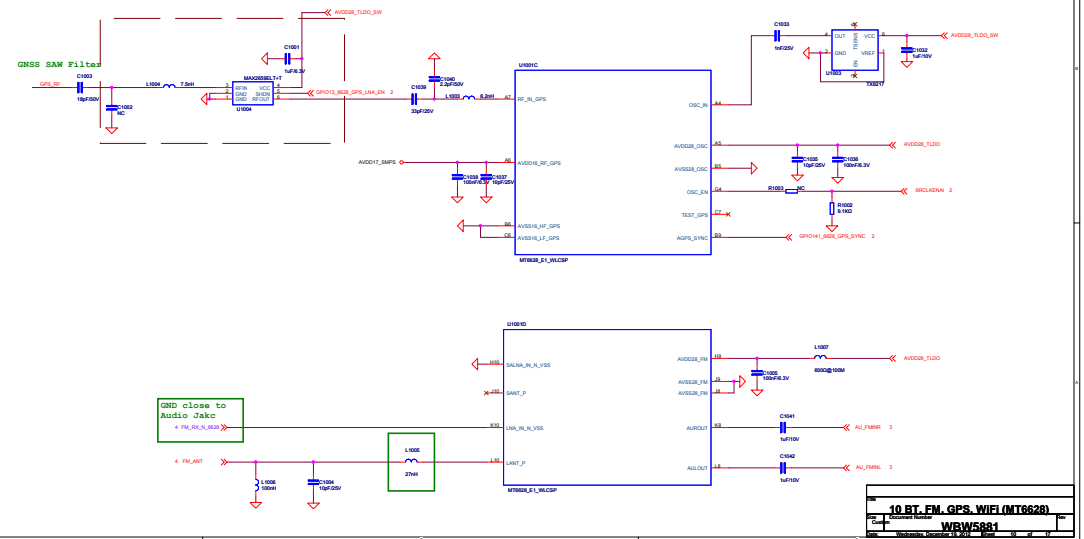
WT/COM_Rst1	0	GPIO	GPIO28E2
WART_RTS	1	GPIO	GPIO28E2

WT/COM_Rst1	0	GPIO	GPIO28E1
AMVSEL-0	1	GPIO	GPIO28E1

MT6588 <==> MT6628 Connector

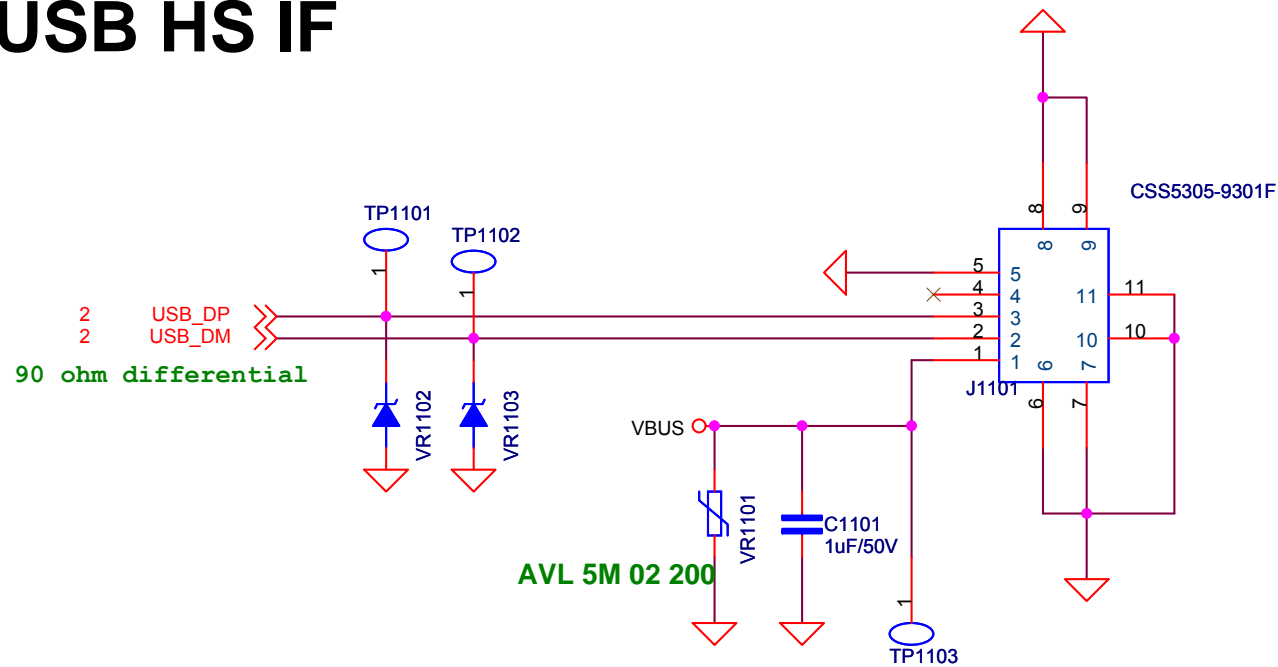


MT6628_GPS / FM



10 BT, FM, GPS, WIFI (MT6628)
W5881

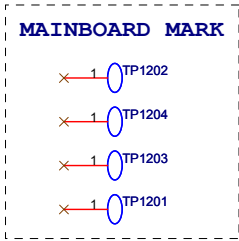
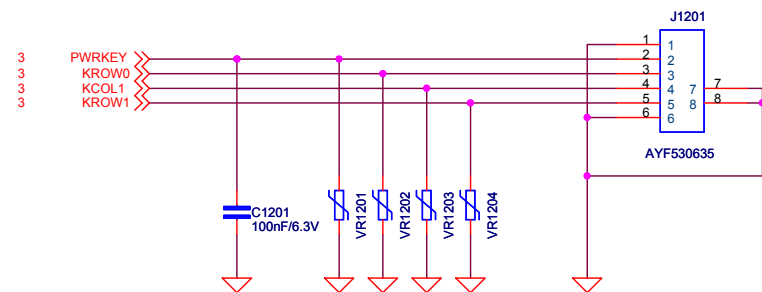
USB HS IF



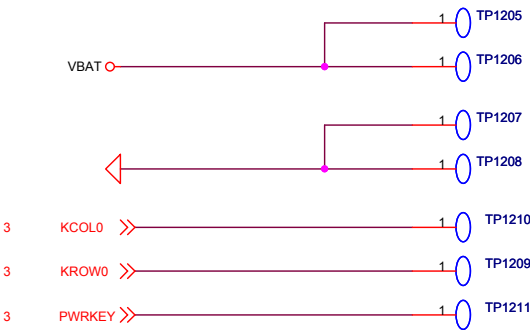
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11.USB			
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Power Key

DO NOT put pull-up resistor on PWRKEY

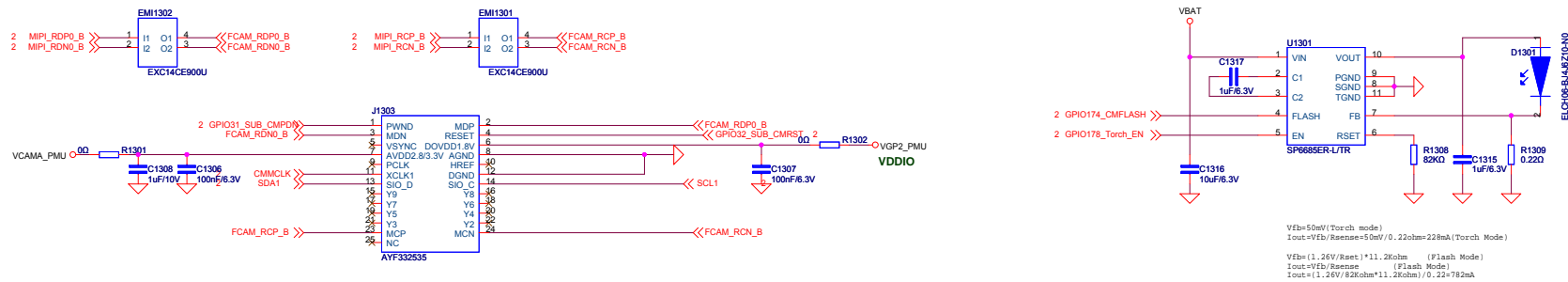


< MP Test Points >

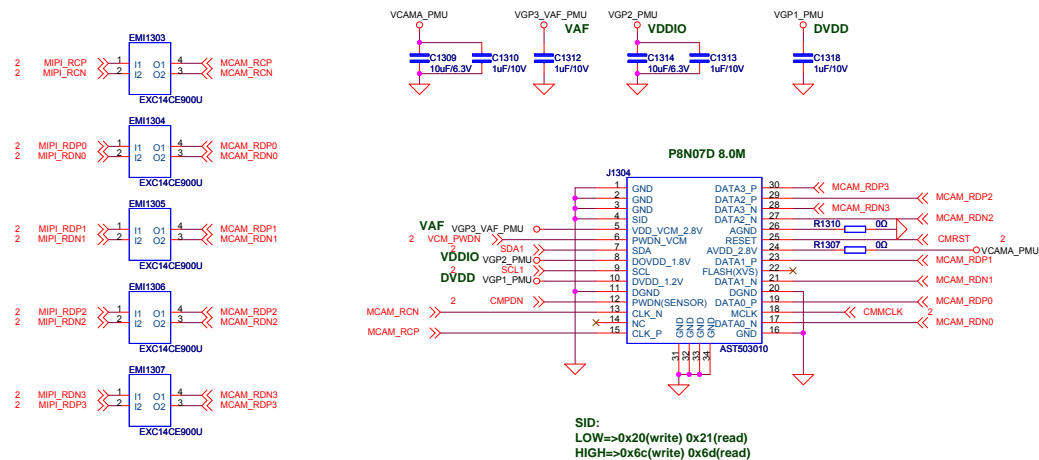


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12 KEY&PAD		
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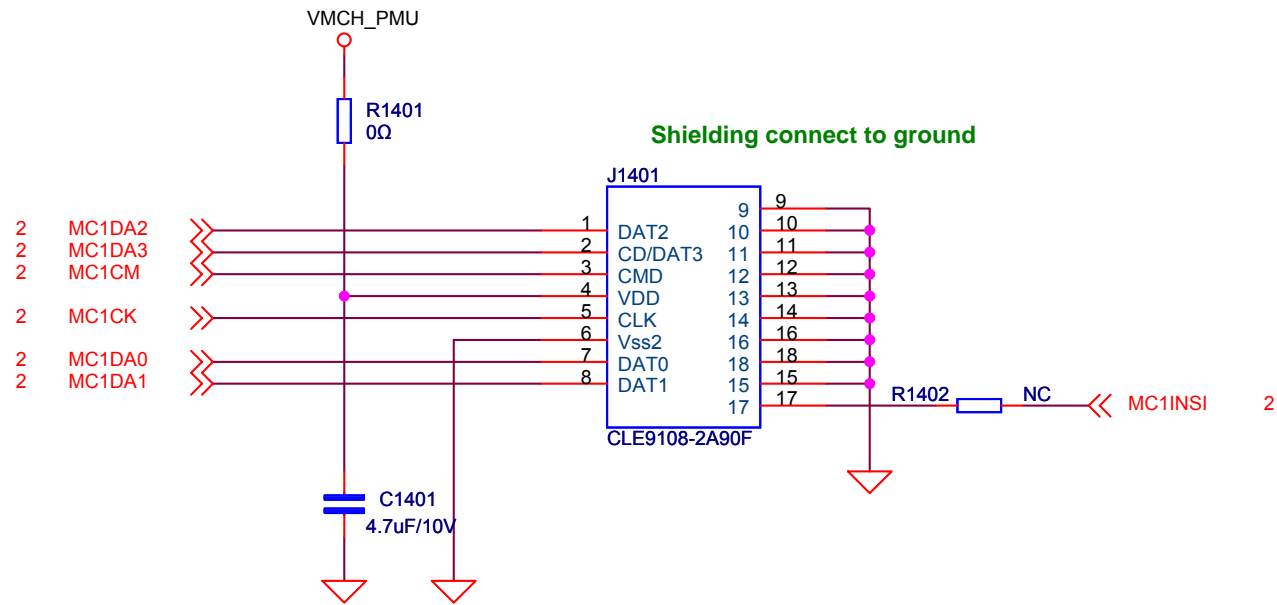
Sub Camera



Main Camera



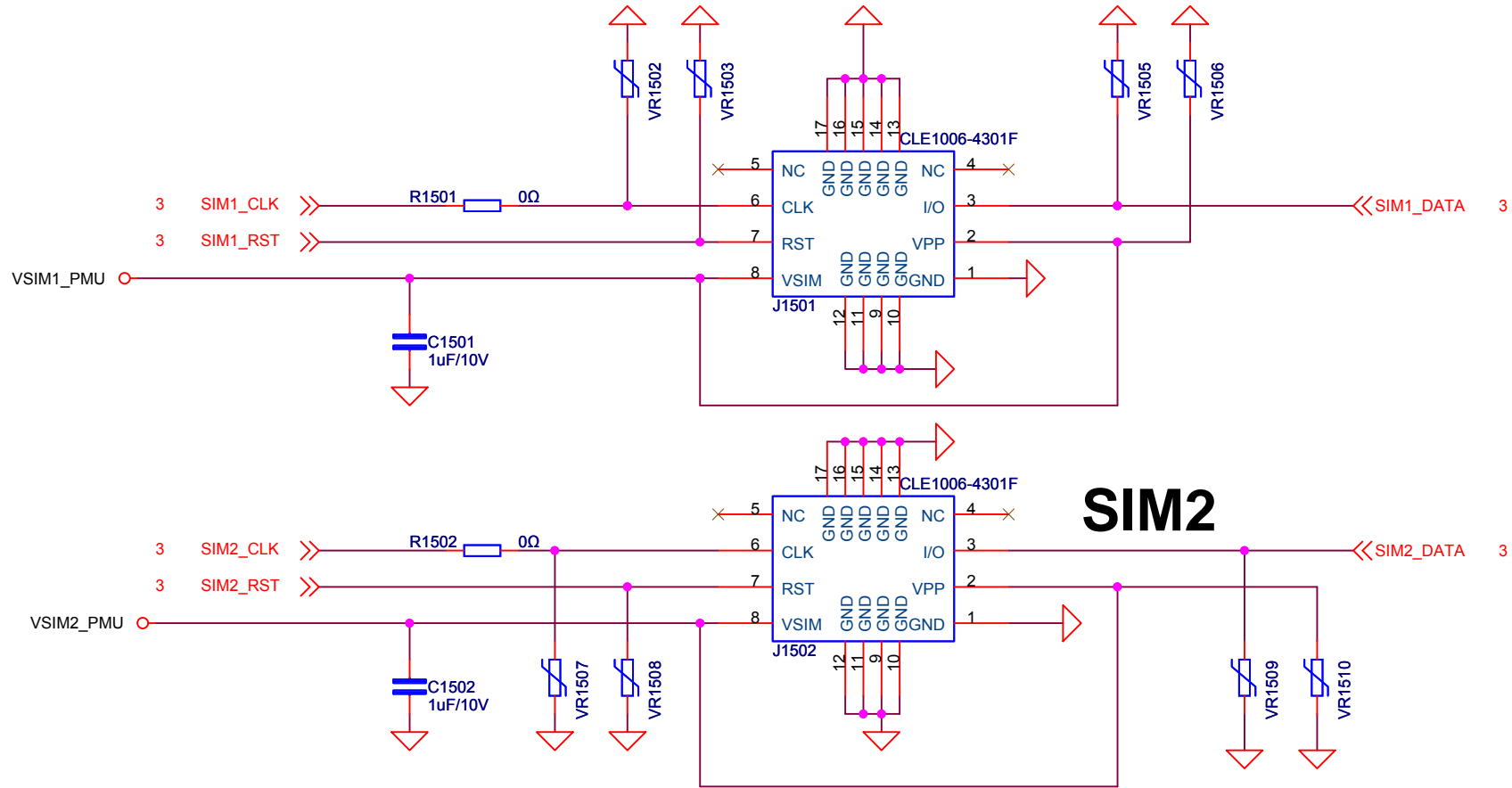
SD CARD



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14 Memory CARD			
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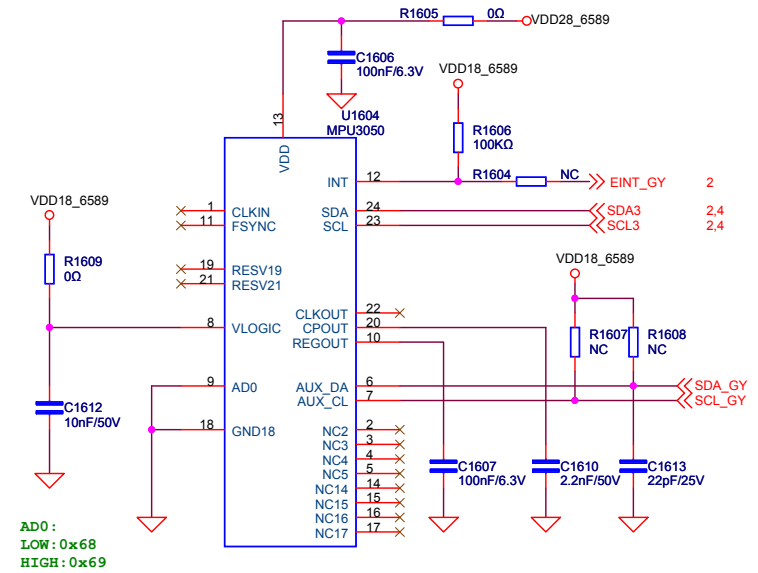
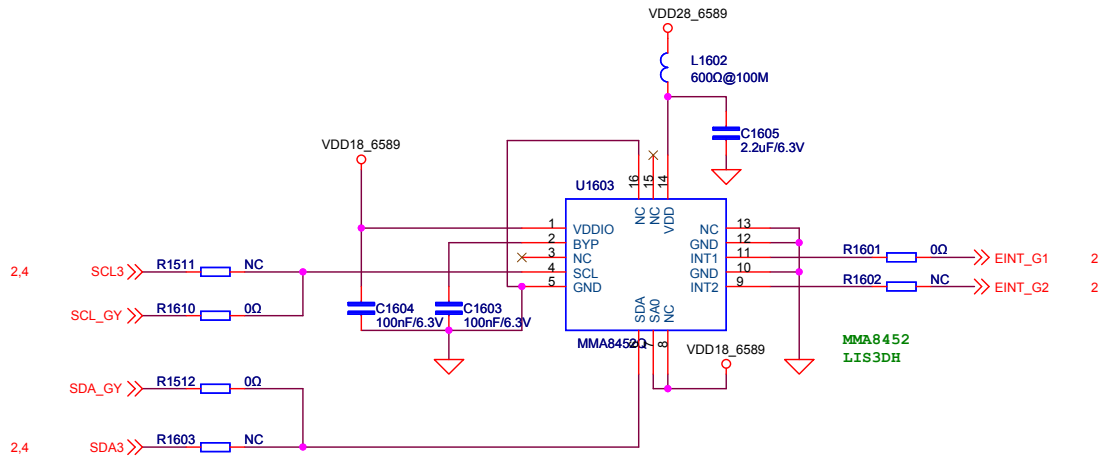
SIM1 & SmartCard

8-pin connector

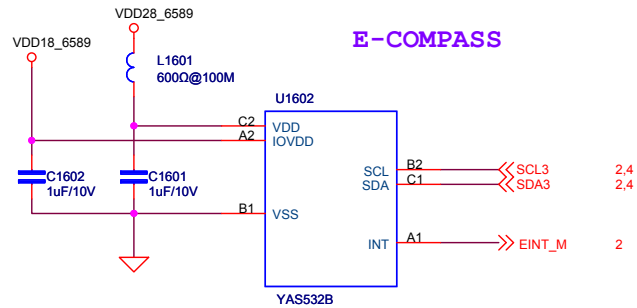


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G-Sensor



Gyroscope



E-COMPASS

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16 Sensors		
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