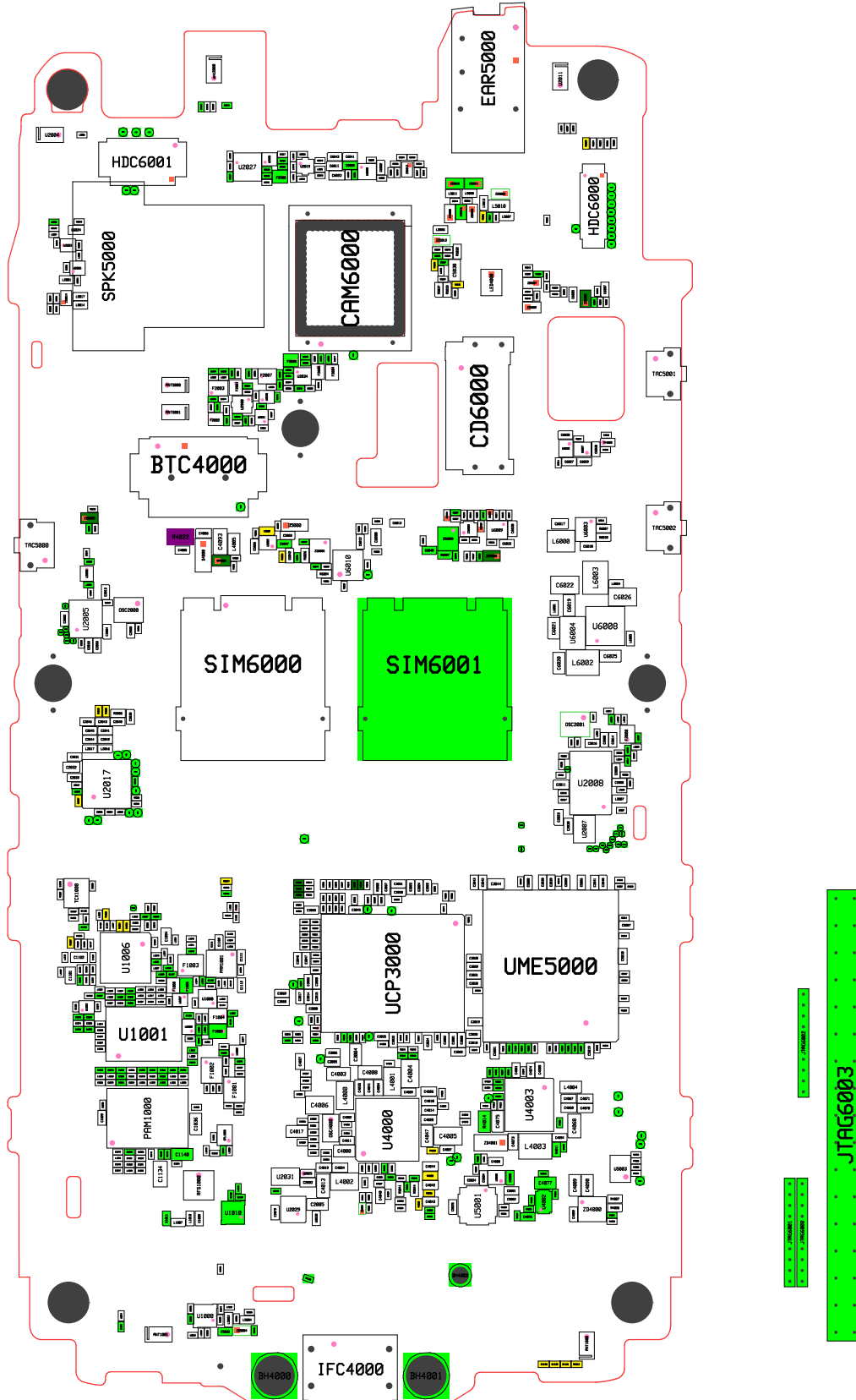


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Revision : 0.3  
Manufacture Count :  
Charge :  
Contact :  
Date :  
Routing :  
Resin :

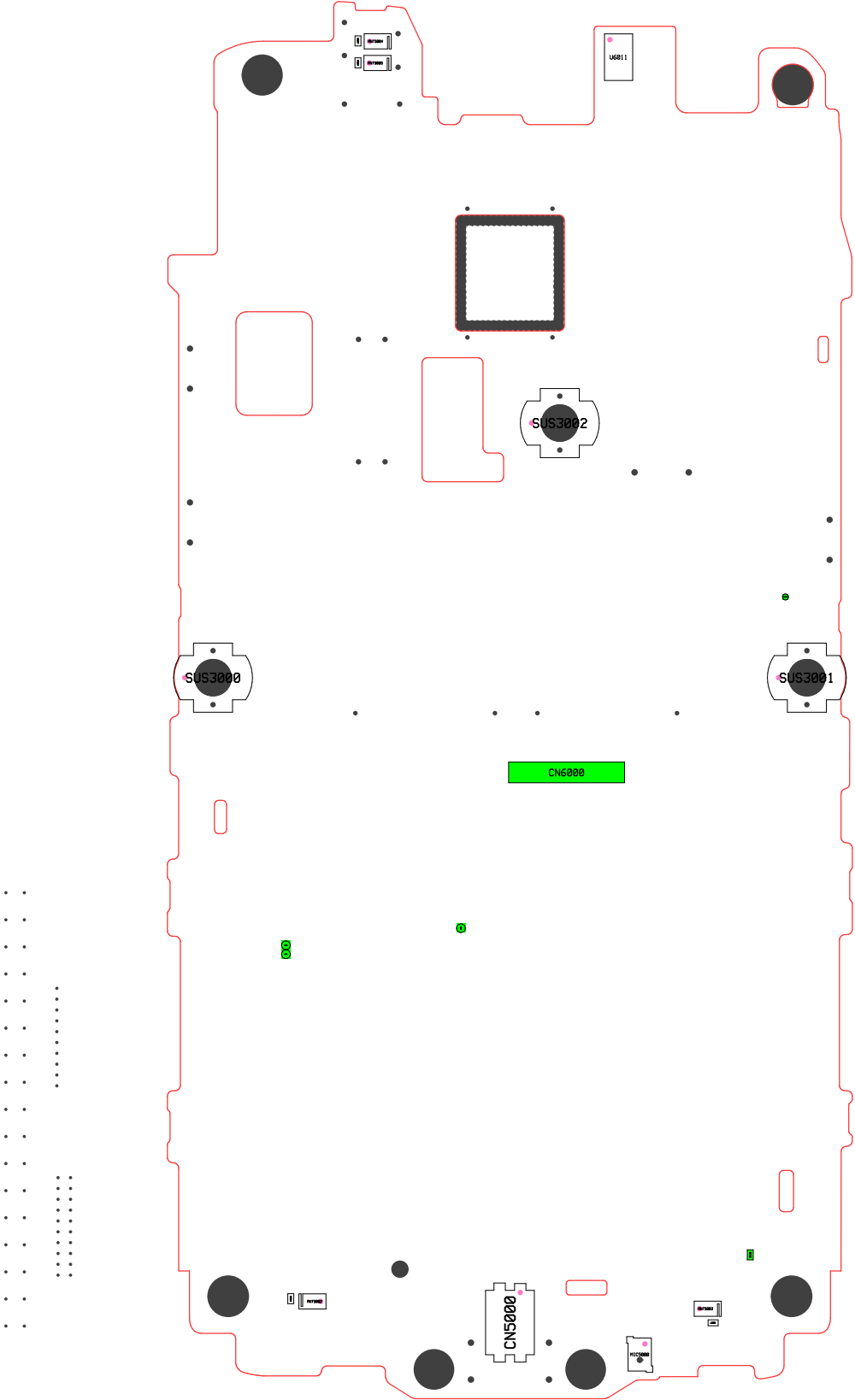
## Setup(2014-12-24)\_HHP



2007-010856(R4022) : Check! Bot  
tom Surface of Component

Model : SM-J120ZN  
Revision : 0.3  
Manufacture Count :  
Charge :  
Contact :  
Date :  
Routing :  
Resin :

Setup(2014-12-24)\_HHP



2007-010856(R4022) : Check! Bot  
tom Surface of Component

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# SM-J120ZN\_AUS\_REV03

## REFERENCE

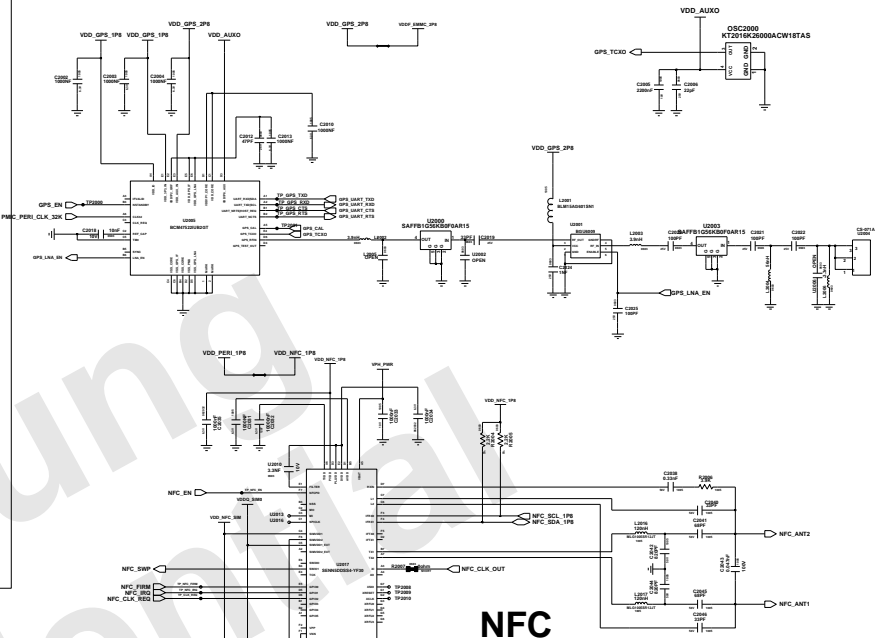
Page 1 : RF Part I	1000
Page 2 : RF Part II (GPS, BT, FM, WIFI, NFC)	2000
Page 3 : AP (LSI)	3000
Page 4 : PMIC , IF , BAT CON	4000
Page 5 : MEMORY , AUDIO, KEY , MOTOR	5000
Page 6 : OCTA , CAMERA , SENSOR, SIM/SD	6000

Engineer	SAMSUNG	Table of Contents	
Drawn by	Song	Sheet	
FIELD CHK		TITLE	A2
DOC CTRL CHK			
WFS ENGR CHK			

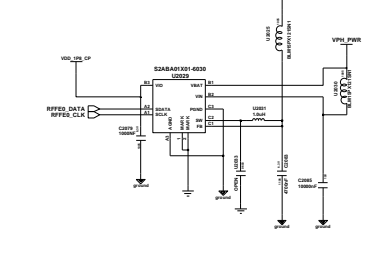




## GPS



## APT MODULATOR

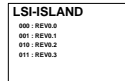


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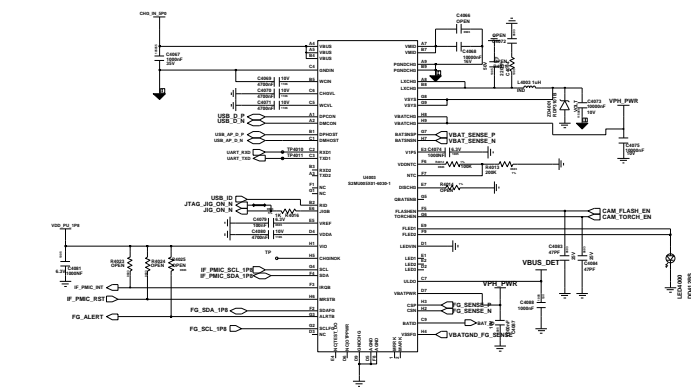
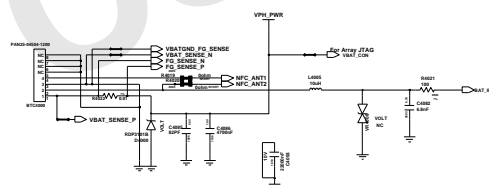
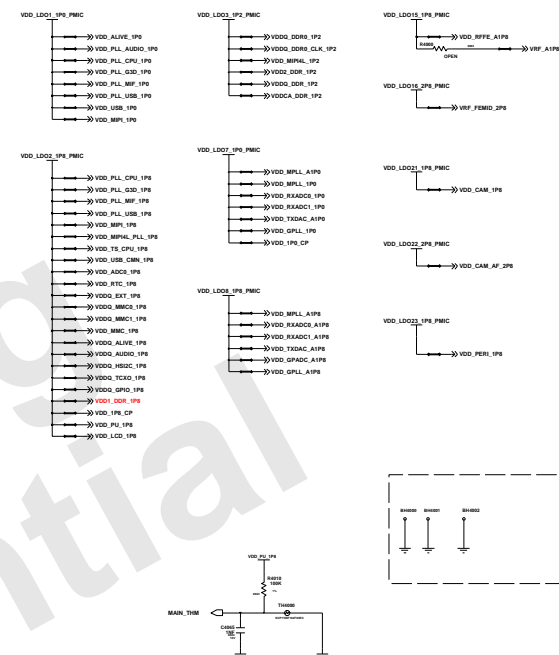
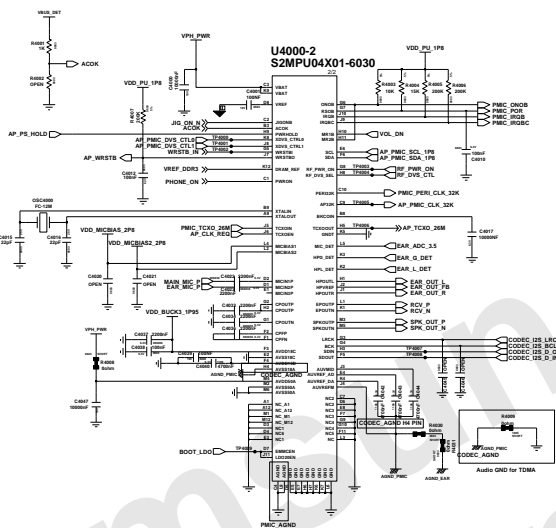
The schematic diagram illustrates the internal components and connections of the CP3000 75XS0-LA30 board. Key components include:

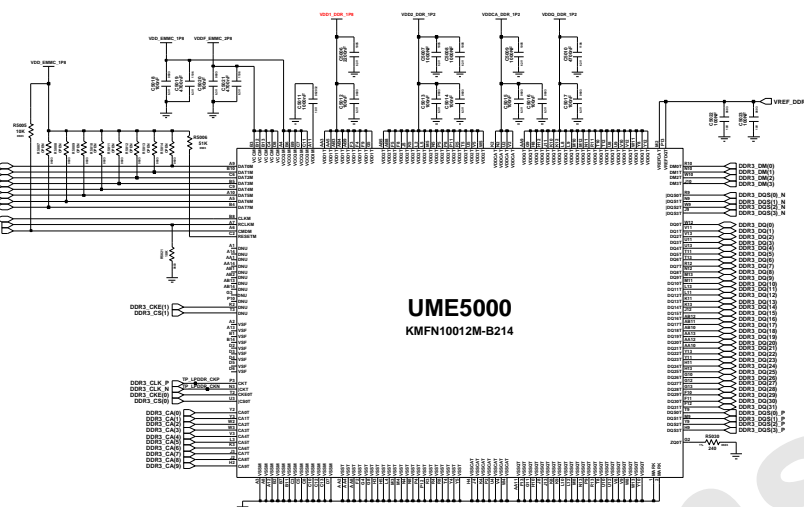
- Microcontroller:** CP3000 75XS0-LA30, connected to various pins for power, ground, and data.
- Power Management:** Includes a 3.3V regulator (U1) and a 1.8V regulator (U2), both connected to the VDD\_3V3 and VDD\_1V8 pins.
- Memory:** Includes a 16MB flash memory (U3) and a 16MB SRAM (U4), both connected to the VDD\_3V3 and VDD\_1V8 pins.
- Connectors:** Includes a USB connector (X1) and a serial connector (X2).
- Other Components:** Includes a 10k pull-up resistor (R1), a 10k pull-down resistor (R2), and a 10k pull-up resistor (R3).

The diagram shows the detailed wiring of these components, including the connection of the microcontroller pins to the various components and the power supply rails.

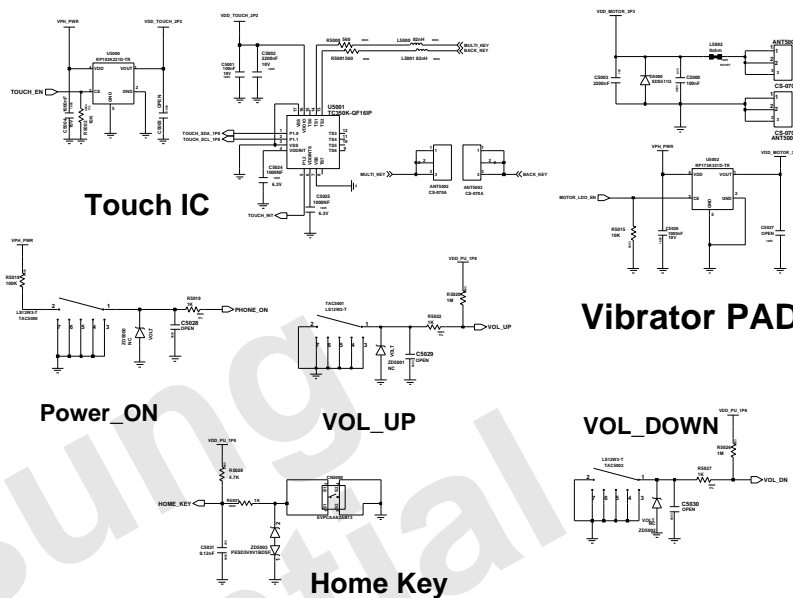


Changed by	Date Changed	Time Changed	QA CHK	REV	Drawing Number	Sheet	3 OF 4
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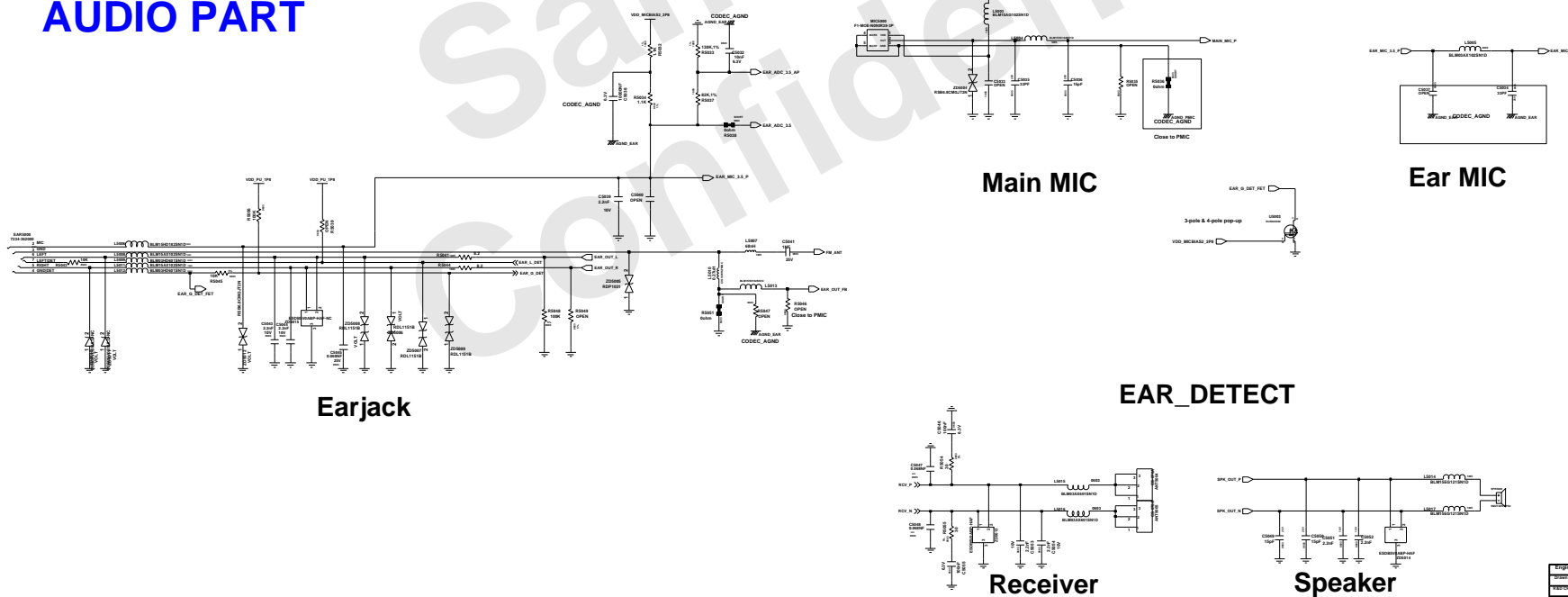


**UME5000**  
KMFN10012M-B214



# ECML

## AUDIO PART



## EAR\_DETECT

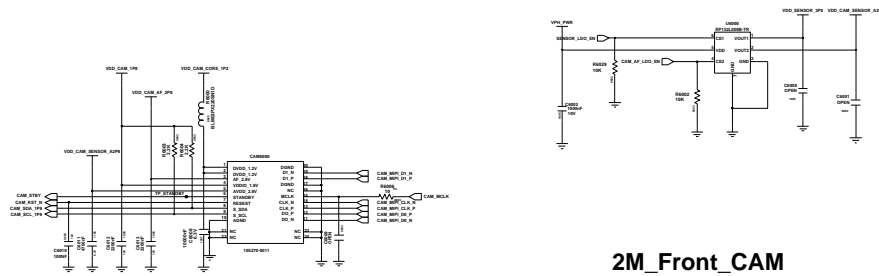
Receiver

**Speaker**

Engineer	SM-J120ZN REV1.0		
Drawn by:			
WAB CLK:			TITLE:
DATE: 01.01.2006			AUDIO / MOTOR / KEY
WFO CLK:			
DATE: 01.01.2006			
WFO CLK:			
DATE: 01.01.2006			

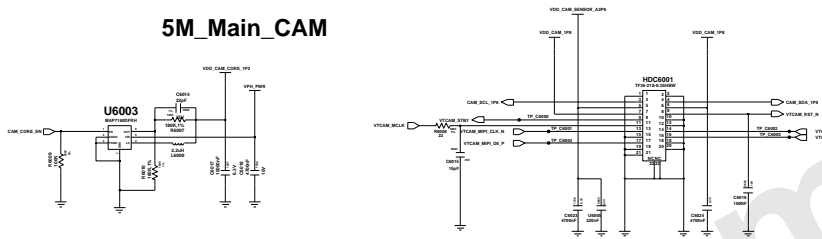


## CAMERA PART

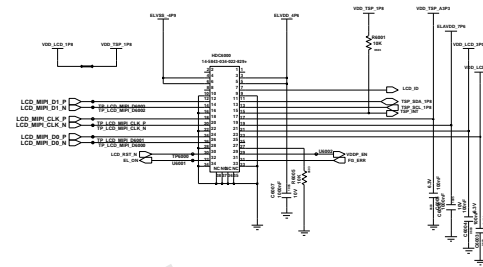


2M\_Front\_CAM

5M\_Main\_CAM



## DISPLAY PART



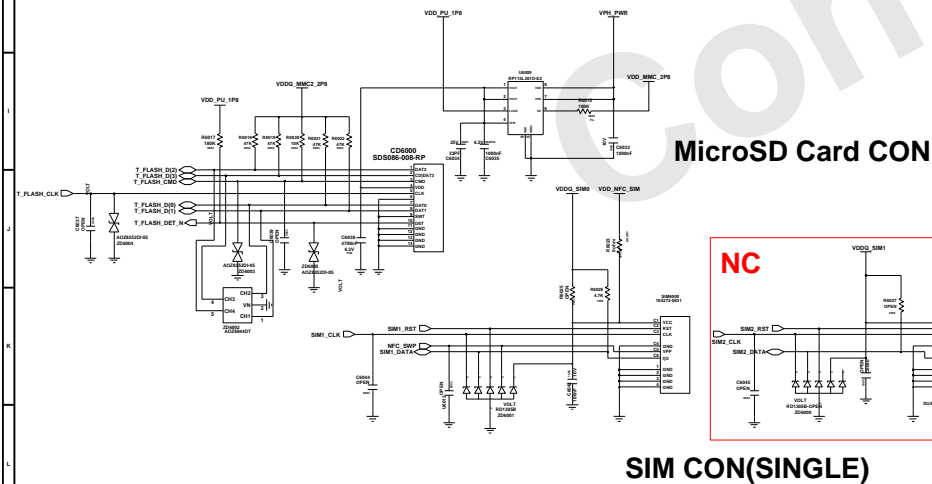
4.5" OCTA

TSP LDO

LCD LDO

DC-DC

## SIM / SD CARD PART

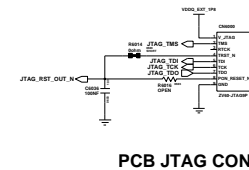


SIM CON(SINGLE)

MicroSD Card CON

NC

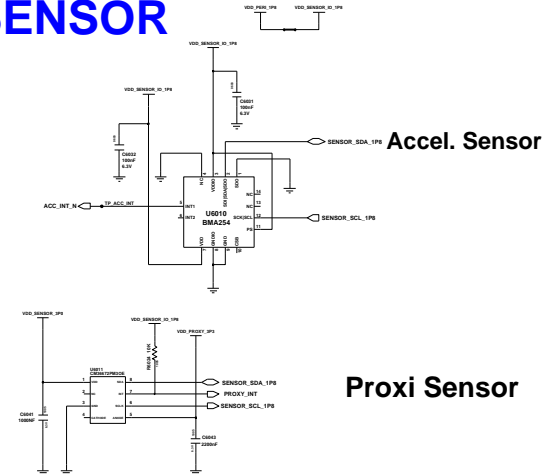
## JTAGs



PCB JTAG CON

ARRAY JTAG

## SENSOR



Accel. Sensor

Proxi Sensor

Project:	SM-J102N REV1.0
Sheet No:	1
Sheet Title:	CAMERA / LCD / SIM/SD CON
Sheet Date:	2013.08.20
Sheet Author:	WJ
Sheet Checker:	WJ