

1	2	3	4	5	6	7	8	9	10	11	12
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A											
B											
C											
D											
E											
F											
G											
H											
1	2	3	4	5	6	7	8	9	10	11	12

# SM-J415F\_REV0.4A\_SVC

2018.08.21

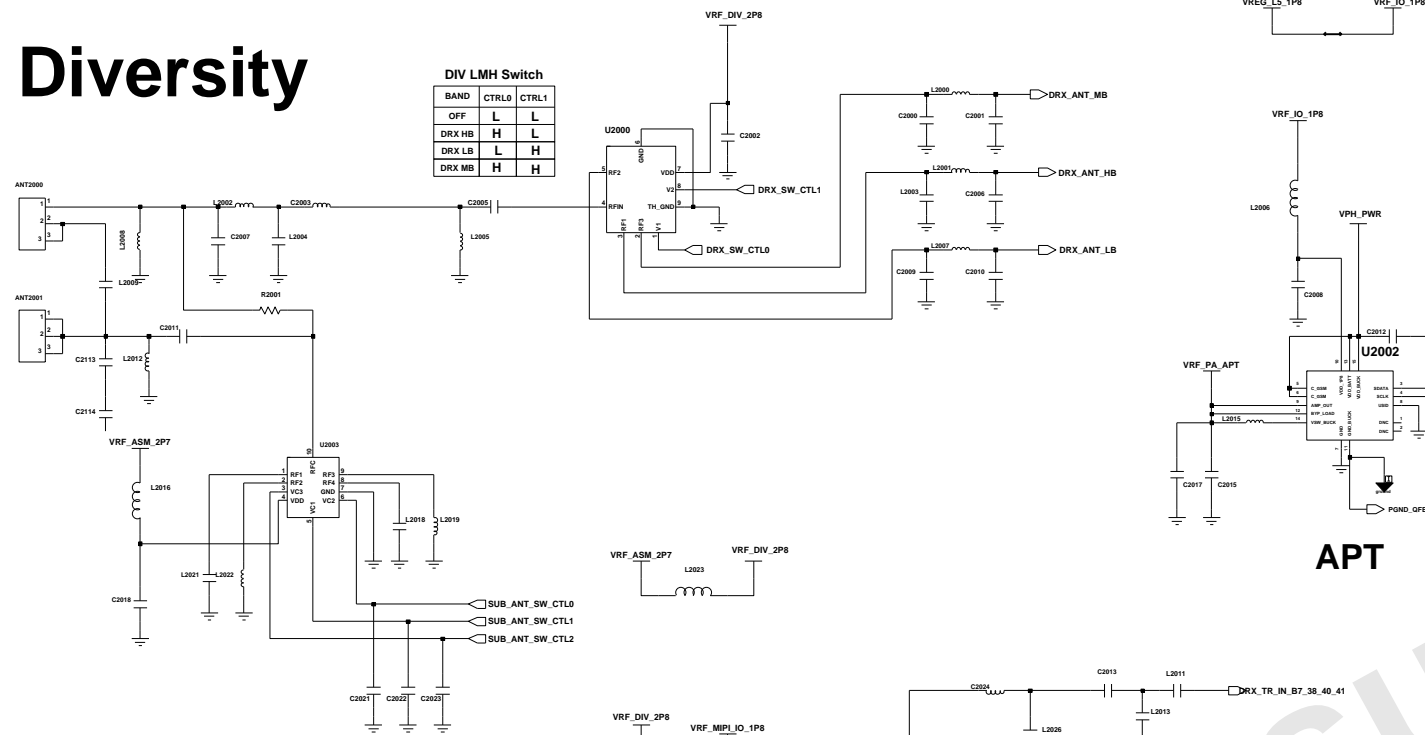
- SHEET 1 : MAIN RF PART
- SHEET 2 : DIVERSITY,CONNECTIYBITY
- SHEET 3 : BASEBAND(MSM8917)
- SHEET 4 : PMIC(PM8937), MUIC,INTERFACE
- SHEET 5 : MEMORY, AUDIO
- SHEET 6 : CAMERA, DISPLAY, SENSOR, KEY



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# Diversity

BAND	CTRL0	CTRL1
OFF	L	L
DRX HB	H	L
DRX LB	L	H
DRX MB	H	H



## SHIELDCAN

## GPS/GNSS

## DIV MODULE

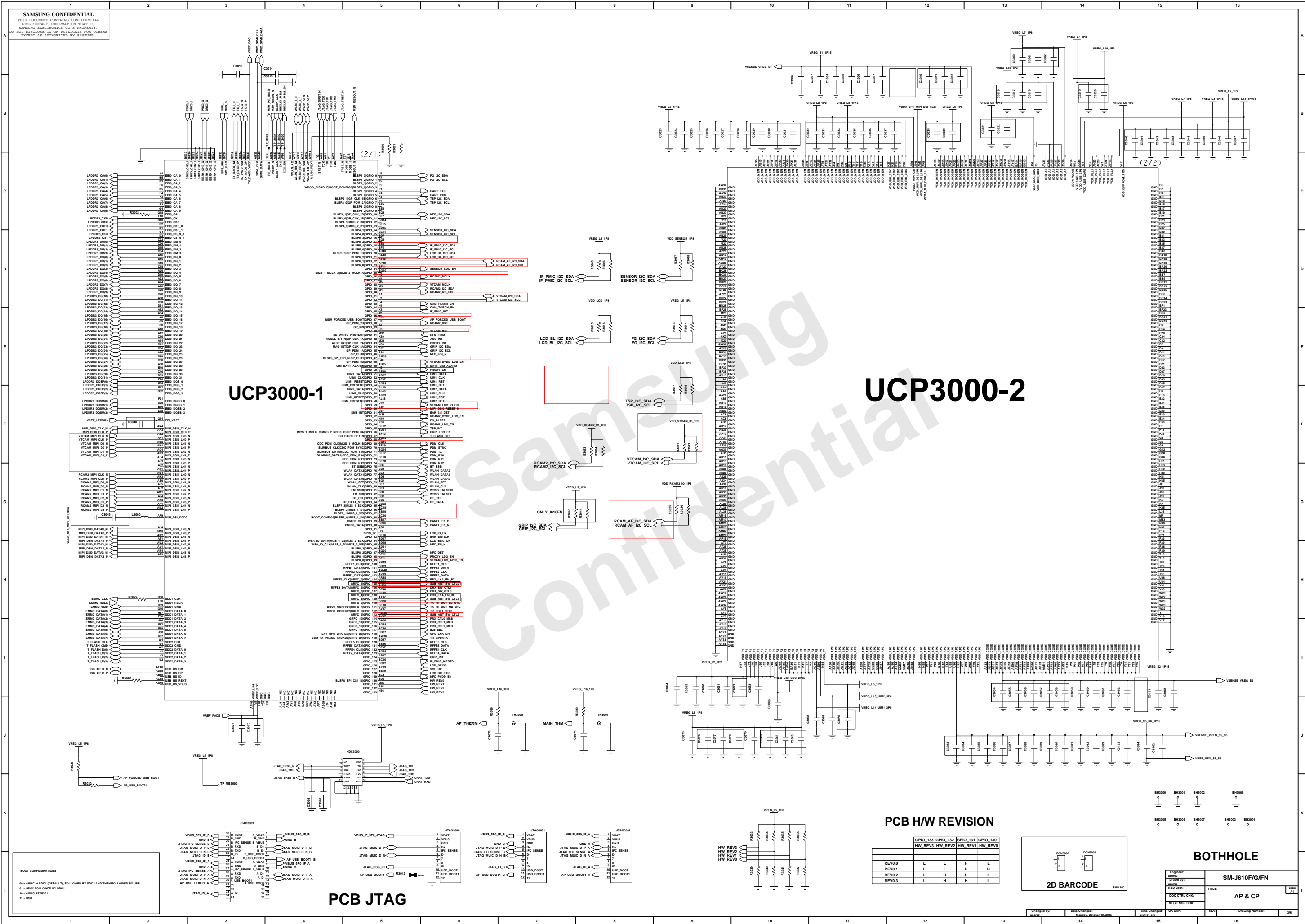
## NFC

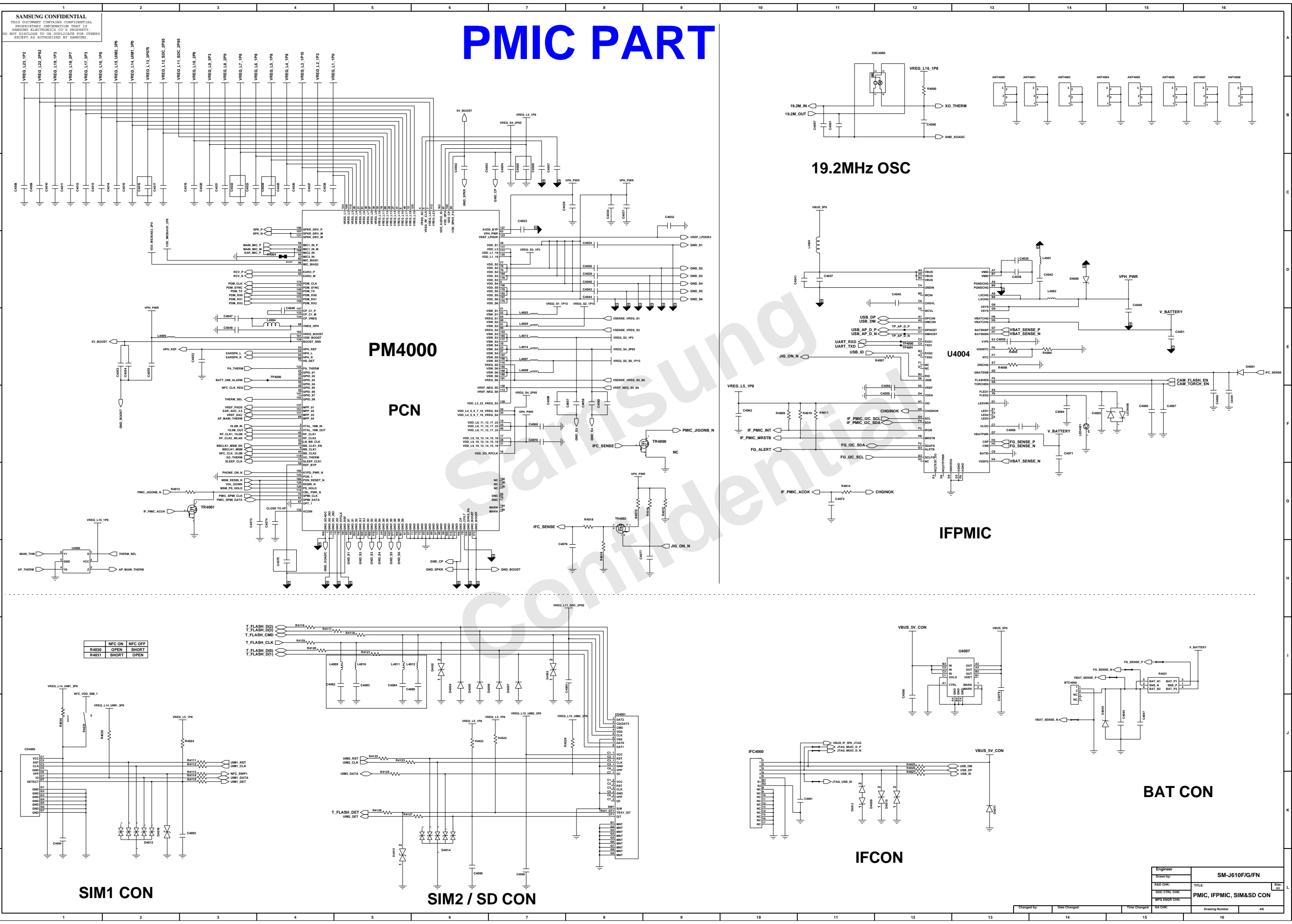
ONLY J415FN/GN

## BT/WIFI/FM

Engineer: R&D TEAM, KOREA	SM-J610FG/FN	
Drawn by: R&D TEAM, KOREA	TITLE:	Rev. 2.0
ECN CHG:	DOC CTRL CHG:	DIVERSITY & CONNECTIVITY
MFG ENGR CHG:	REV:	1
Chnged by: user93	Date Chnged: Friday, April 11, 2014	Time Chnged: 11:27:01 AM
QA Chk:	REV:	Page: 1

userjwca5110.253.20.69|20180907-155944







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# AUDIO PART

## RECEIVER

## SPEAKER

## MEMORY(16GB eMMC + 2GB LPDDR3)

## EAR MIC

## E/P ANTI POP UP IC

## 3.5PI EARJACK CON

## MIC

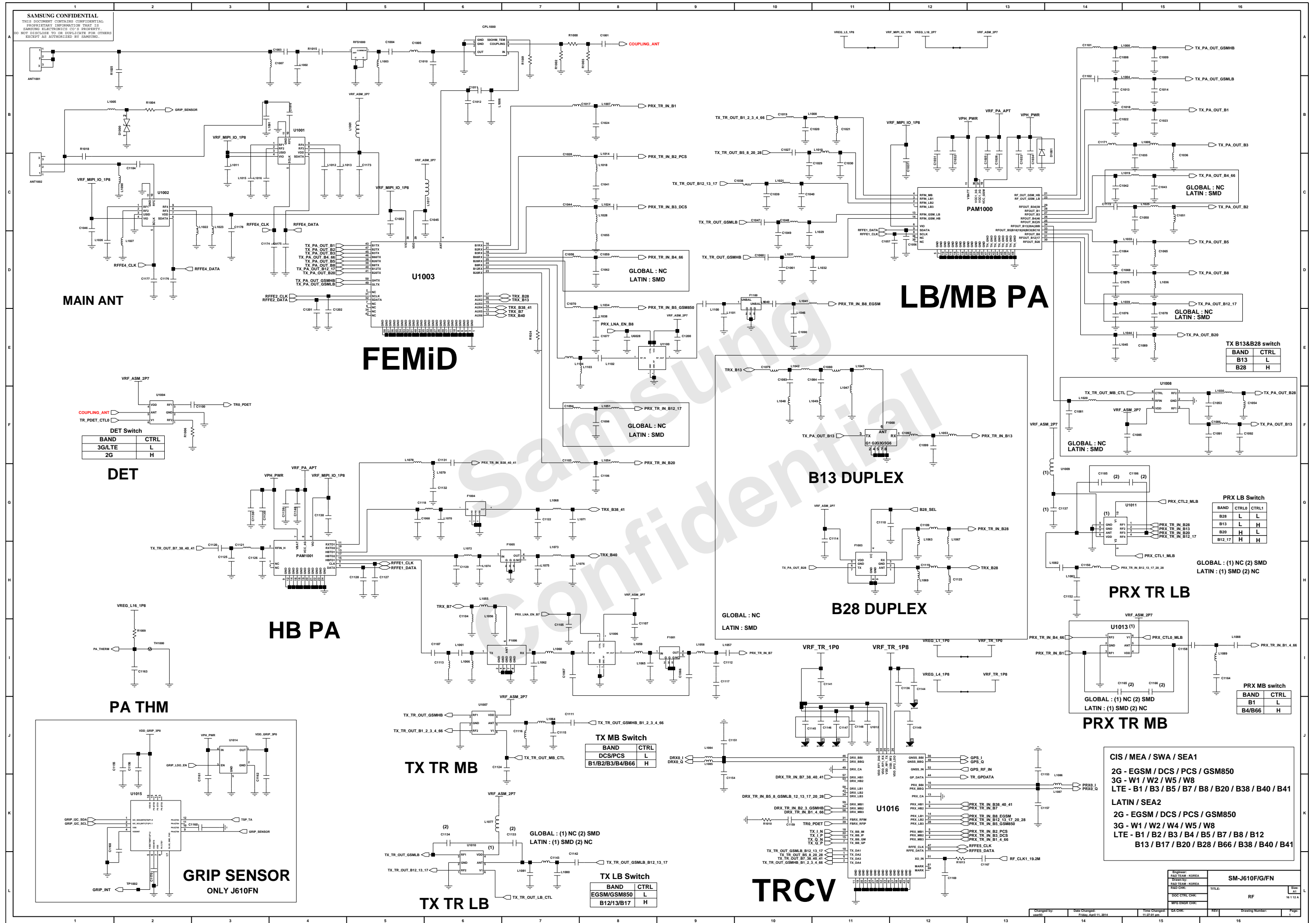
Engineer	SM-J610F/G/FN
Drawn by	
Rev'd Chk:	TITLE
Doc Ctrl Chk:	MEMORY & AUDIO
Mfg Engr Chk:	
QA Chk:	Drawing Number



SM-J415FN



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CIS / MEA / SWA / SEA1  
2G - EGSM / DCS / PCS / GSM850  
3G - W1 / W2 / W5 / W8  
LTE - B1 / B3 / B5 / B7 / B8 / B20 / B38 / B40 / B41  
LATIN / SEA2  
2G - EGSM / DCS / PCS / GSM850  
3G - W1 / W2 / W4 / W5 / W8  
LTE - B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12  
B13 / B17 / B20 / B28 / B66 / B38 / B40 / B41

SM-J610F/G/FN  
REV: 1.0  
DATE: 11/20/2014  
PAGE: 1

# Diversity

DIV LMH Switch		
BAND	CTRL0	CTRL1
OFF	L	L
DRX HB	H	L
DRX LB	L	H
DRX MB	H	H

# SHIELDCAN

**APT**

## GPS/GNSS

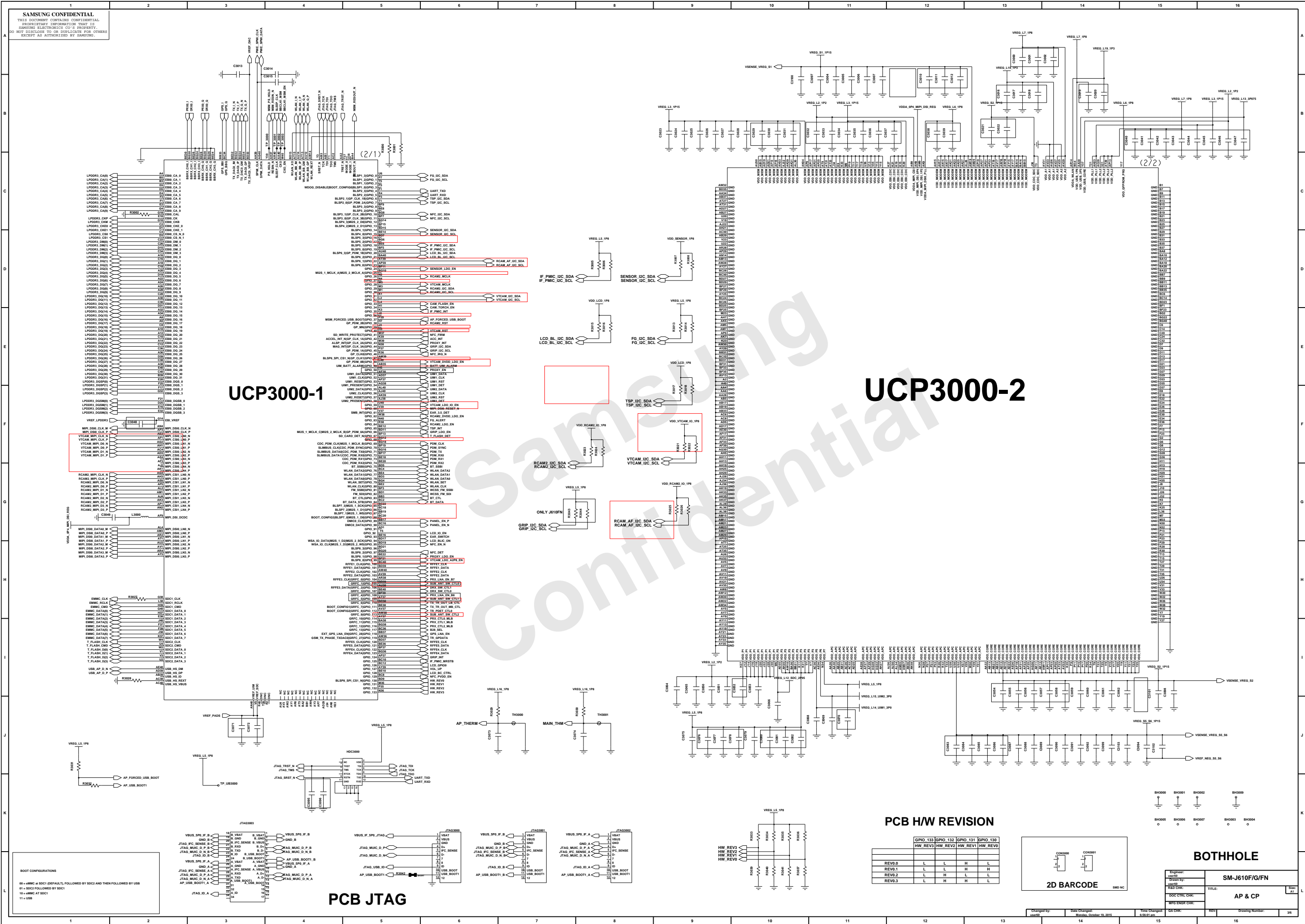
## DIV MODULE

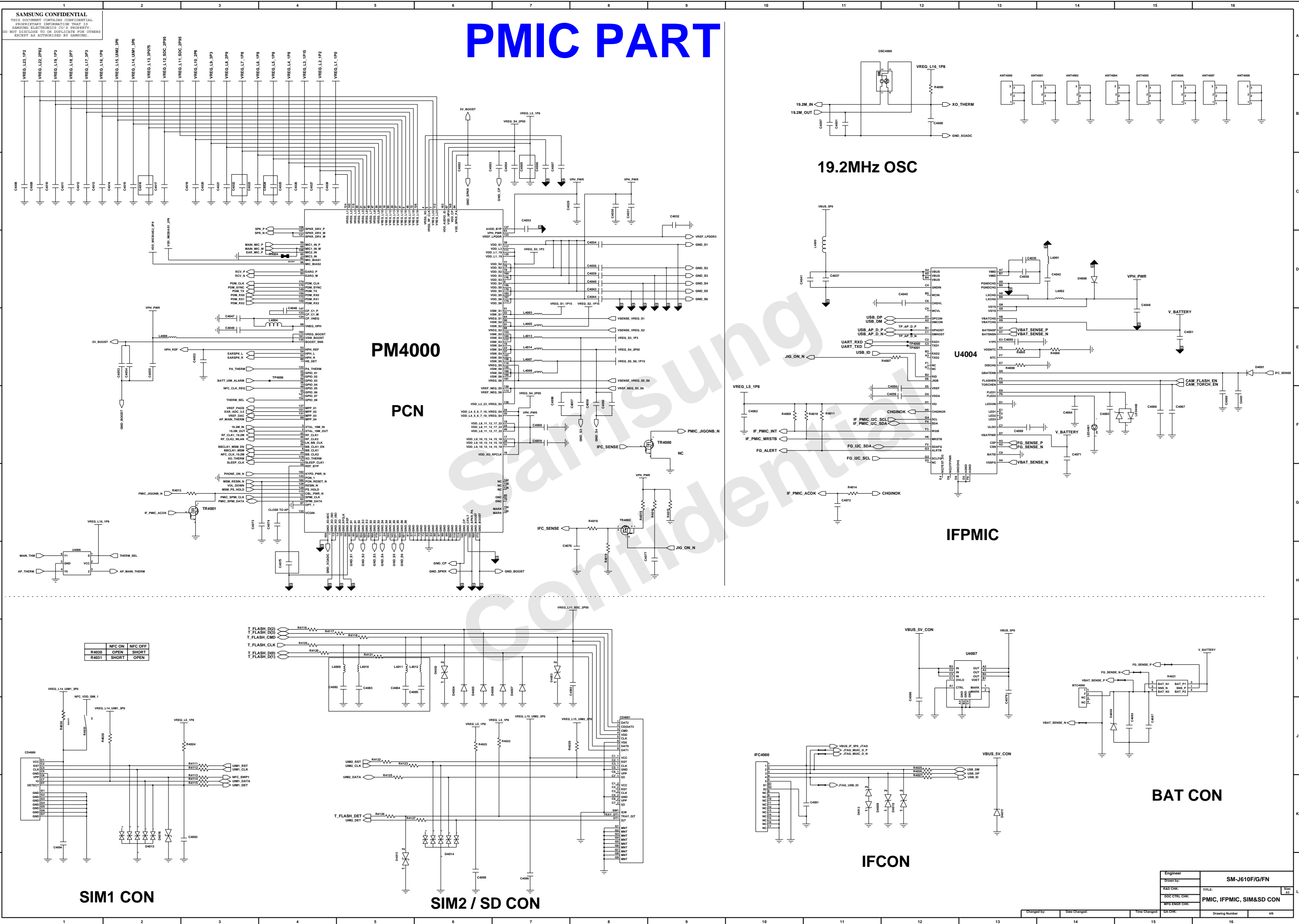
**BT/WIFI/FM**

**NFC**

**ONLY J415FN/GN**

NFC OPTION	
BAND	CTRL
SM-J415F/G	L
SM-J415FN/GN	H





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# AUDIO PART

## RECEIVER

## SPEAKER

## MEMORY(16GB eMMC + 2GB LPDDR3)

## EAR MIC

## E/P ANTI POP UP IC

## 3.5PI EARJACK CON

## MIC

Engineer	SM-J610F/G/FN
Drawn by	
Rev'd Chk:	TITLE:
Doc Ctr'l Chk:	MEMORY & AUDIO
Mfg Engr Chk:	
QA Chk:	Drawing Number

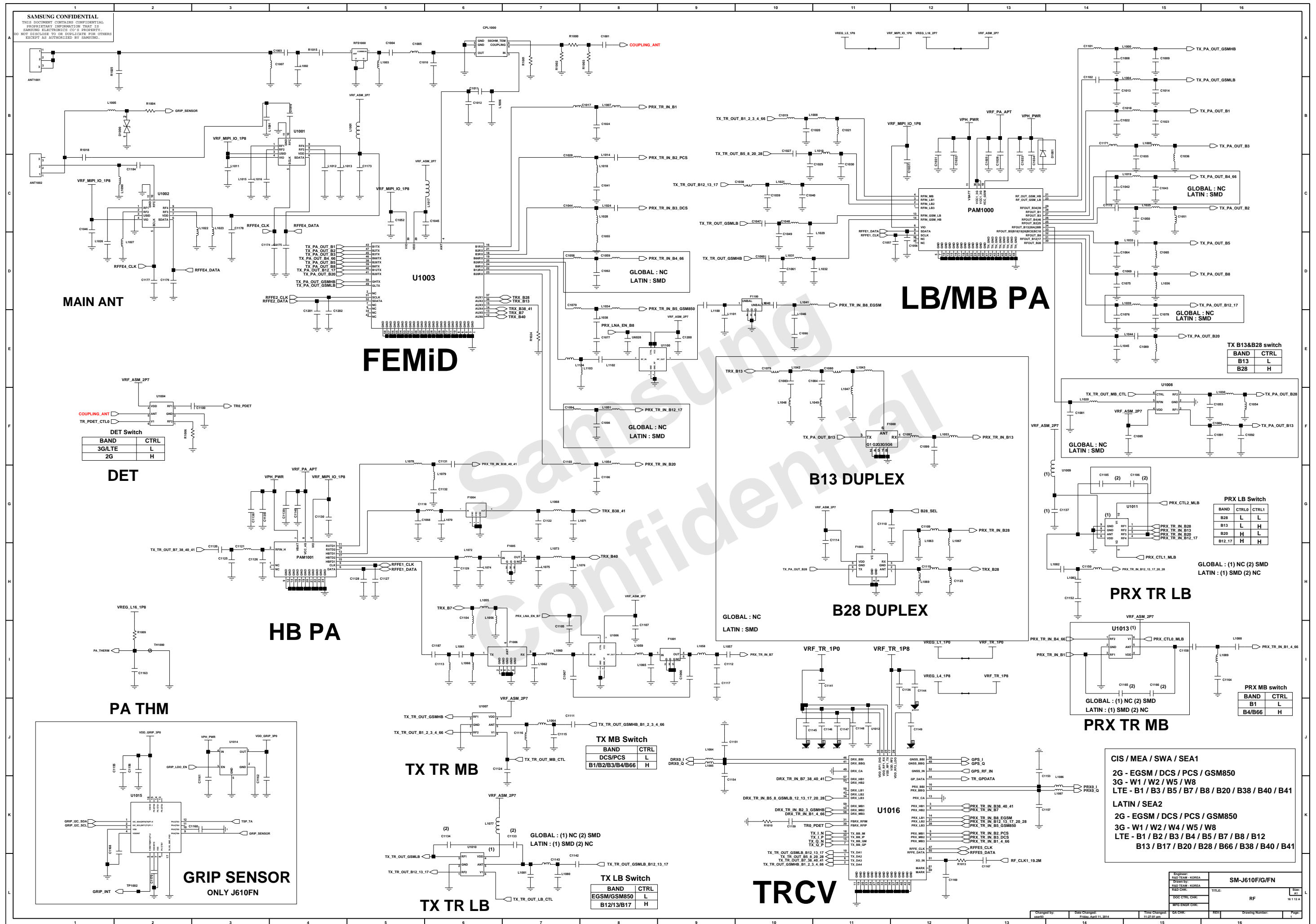






SM-J415G

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CIS / MEA / SWA / SEA1  
2G - EGSM / DCS / PCS / GSM850  
3G - W1 / W2 / W5 / W8  
LTE - B1 / B3 / B5 / B7 / B8 / B20 / B38 / B40 / B41  
LATIN / SEA2  
2G - EGSM / DCS / PCS / GSM850  
3G - W1 / W2 / W4 / W5 / W8  
LTE - B1 / B2 / B3 / B4 / B5 / B7 / B8 / B12  
B13 / B17 / B20 / B28 / B66 / B38 / B40 / B41

SM-J610F/G/FN  
REV: 1.0  
DATE: 11/20/2014  
PAGE: 1

# Diversity

DIV LMH Switch		
BAND	CTRL0	CTRL1
OFF	L	L
DRX HB	H	L
DRX LB	L	H
DRX MB	H	H

# SHIELD CAN

**APT**

## GPS/GNSS

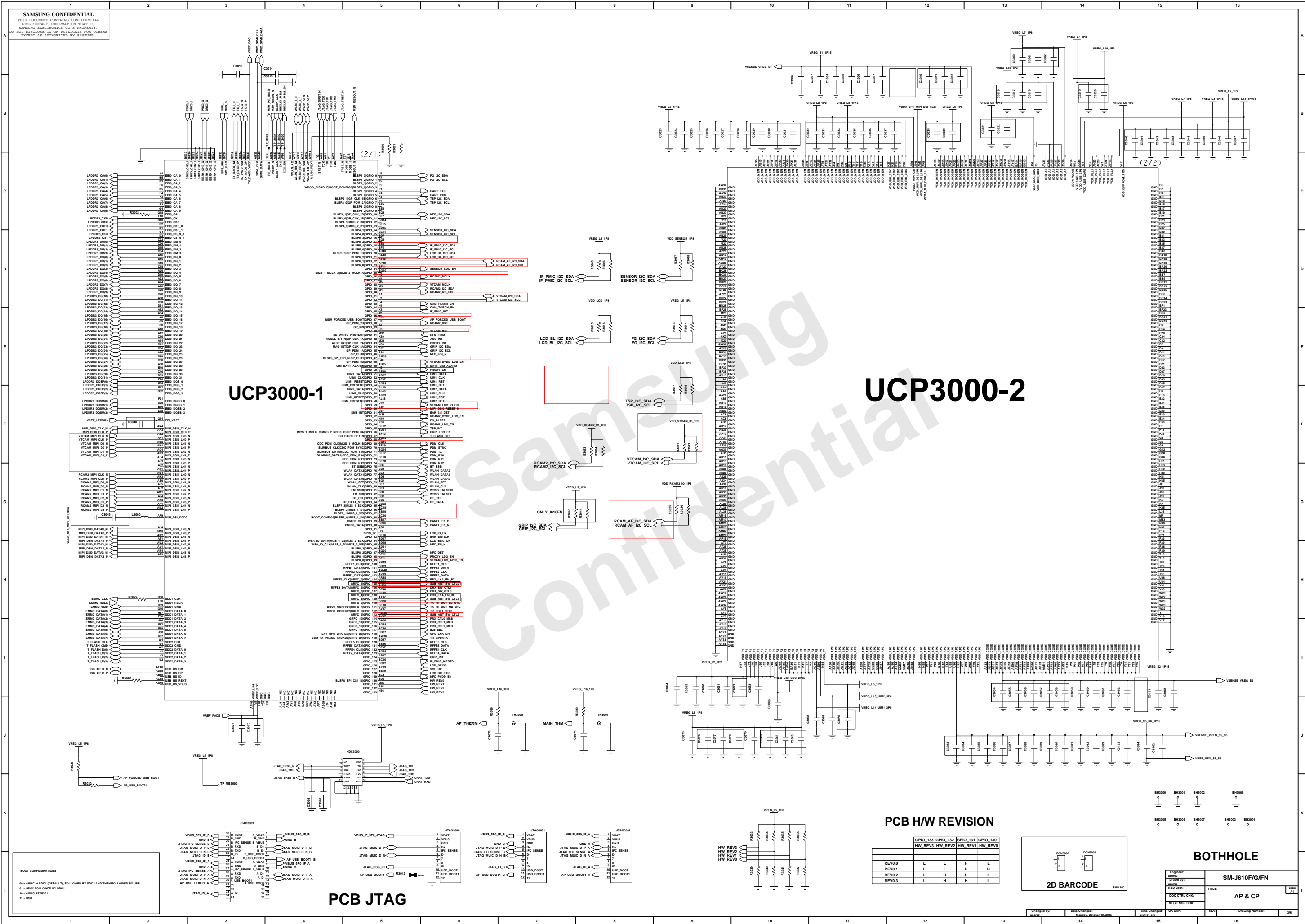
## DIV MODULE

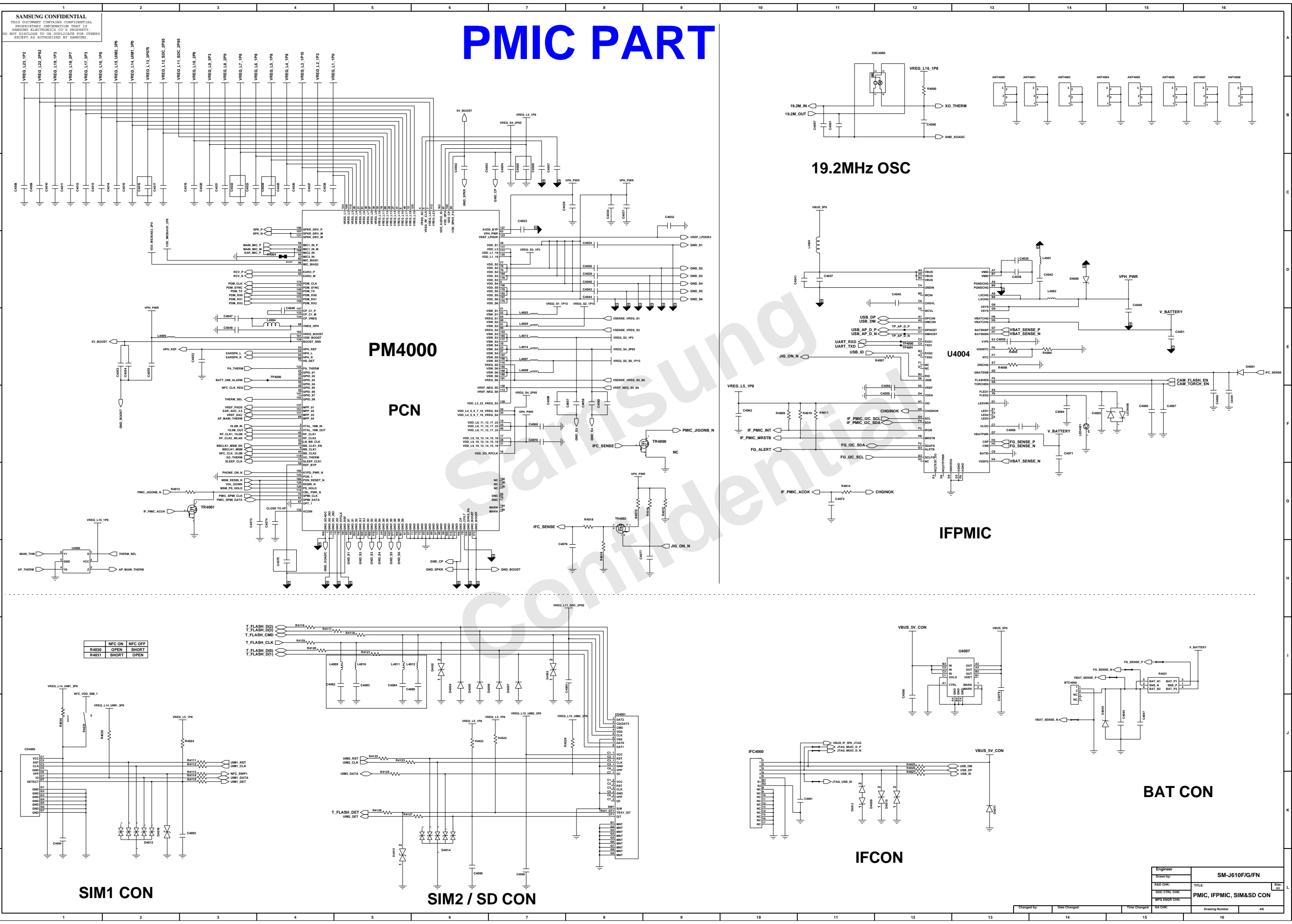
**BT/WIFI/FM**

**NFC**

**ONLY J415FN/GN**

NFC OPTION	
BAND	CTRL
SM-J415F/G	L
SM-J415FN/GN	H





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# AUDIO PART

## RECEIVER

## SPEAKER

## MEMORY(16GB eMMC + 2GB LPDDR3)

## EAR MIC

## E/P ANTI POP UP IC

## 3.5PI EARJACK CON

## MIC

Engineer	SM-J610F/G/FN
Drawn by	
Rev'd Chk:	TITLE
Doc Ctrl Chk:	MEMORY & AUDIO
Mfg Engr Chk:	
QA Chk:	Drawing Number





SN - J415GN



# Diversity

DIV LMH Switch		
BAND	CTRL0	CTRL1
OFF	L	L
DRX HB	H	L
DRX LB	L	H
DRX MB	H	H

# SHIELD CAN

**APT**

## GPS/GNSS

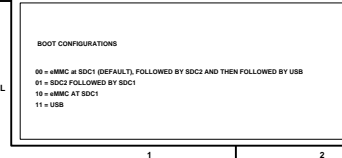
## DIV MODULE

**BT/WIFI/FM**

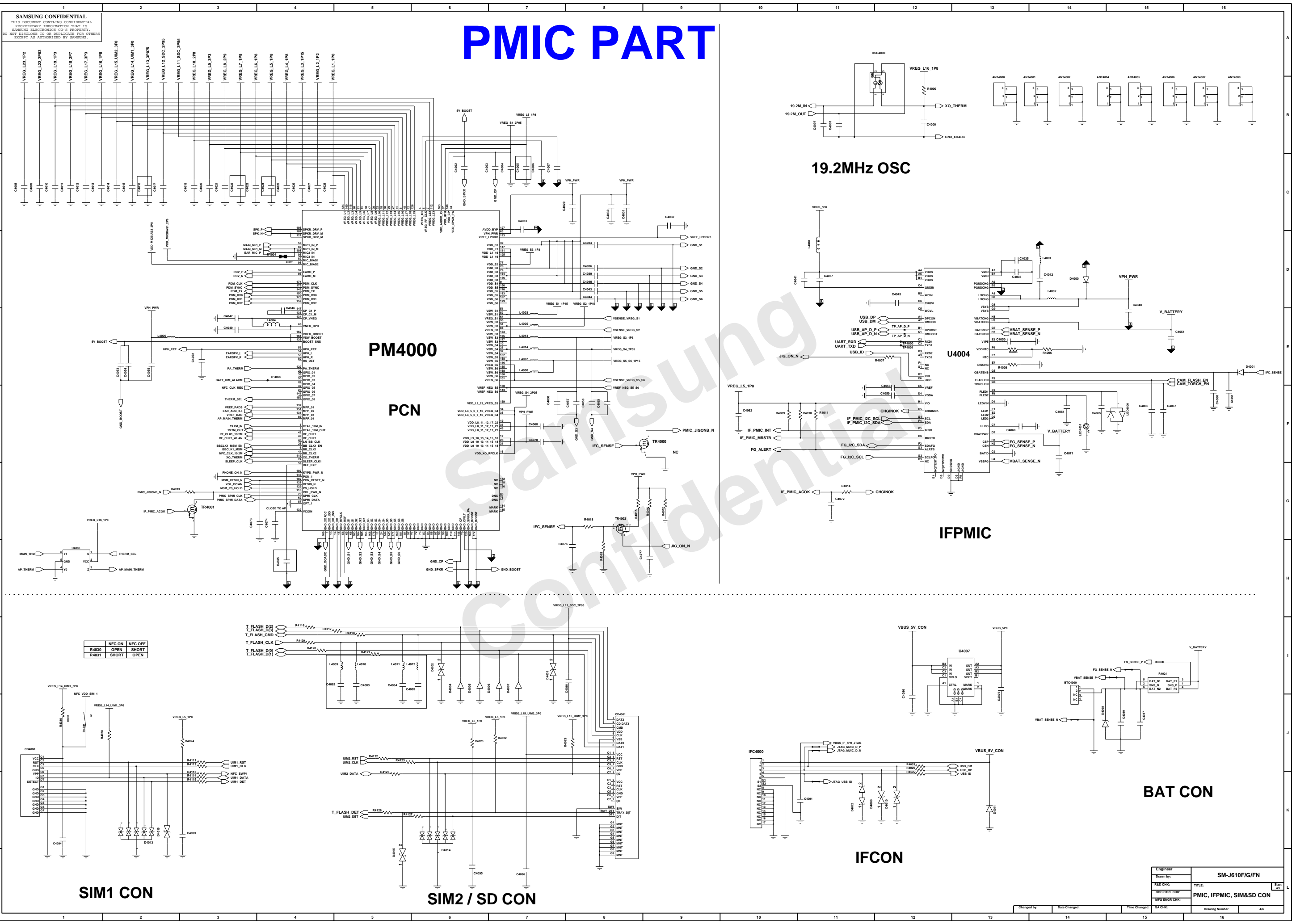
**NFC**

**ONLY J415FN/GN**

NFC OPTION	
BAND	CTRL
SM-J415F/G	L
SM-J415FN/GN	H



<b>BOTHHOLE</b>			
Engineer: sawyer	<b>SM-J610F/G/FN</b>  <b>AP &amp; CP</b>		
Drawn by: sawyer			
RAD CHK:			
DOC CYREL CHK:			
MFG ENDR CHK:			
QA CHK:	REV:	Drawing Number:	3/6



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# PMIC PART

## 19.2MHz OSC

## PM4000

## PCN

## IFPMIC

## SIM1 CON

## SIM2 / SD CON

## BAT CON

## IFCON

Engineer	SM-J610F/G/N
Drawn by:	
Rev'd Chk:	TITLE:
Doc Ctrl Chk:	PMIC, IFPMIC, SIM&SD CON
Mfg Engr Chk:	
Chg'd by:	Date changed:
Time changed:	Chk Chk:
Drawing Number	46



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# AUDIO PART

## RECEIVER

## SPEAKER

## MEMORY(16GB eMMC + 2GB LPDDR3)

## EAR MIC

## E/P ANTI POP UP IC

## 3.5PI EARJACK CON

## MIC

Engineer	SM-J610F/G/FN	
Drawn by		
Rev'd Chk:	TITLE:	Rev. 2.0
Doc Ctr'l Chk:	MEMORY & AUDIO	
Mfg Engr Chk:		
QA Chk:	Drawing Number	

