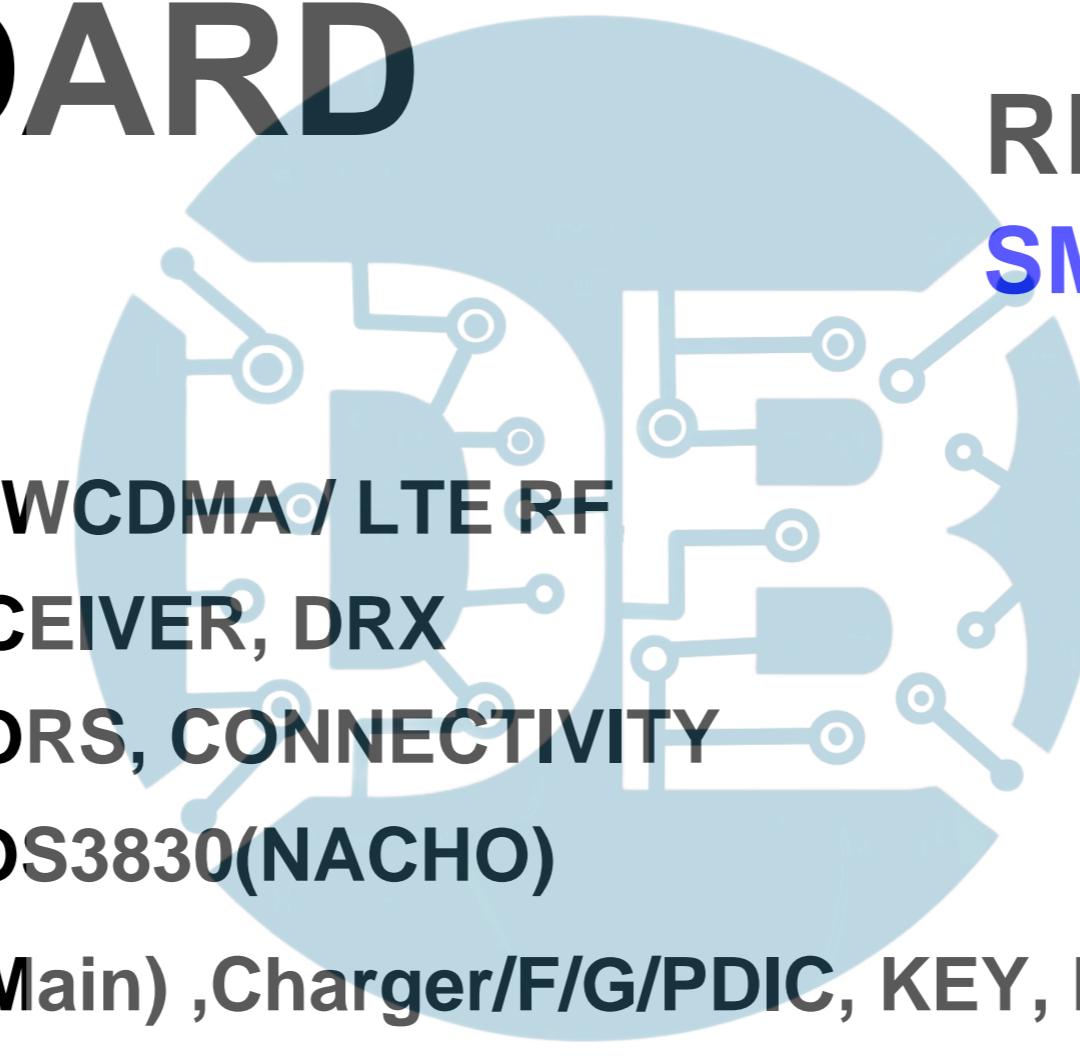


SM-A047M DIGITAL BOARD

RF LA, NFC X
SM-A047M_LA

- 
- sheet01 : GSM / WCDMA/ LTE RF**
 - sheet02 : TRANCEIVER, DRX**
 - sheet03 : SENSORS, CONNECTIVITY**
 - sheet04 : EXYNOS3830(NACHO)**
 - sheet05 : PMIC(Main) ,Charger/F/G/PDIC, KEY, MOTOR, eMCP, SD/SIM**
 - sheet06 : AUDIO, DISPLAY, LCD FPCB CON**
 - sheet07 : CAMERA**

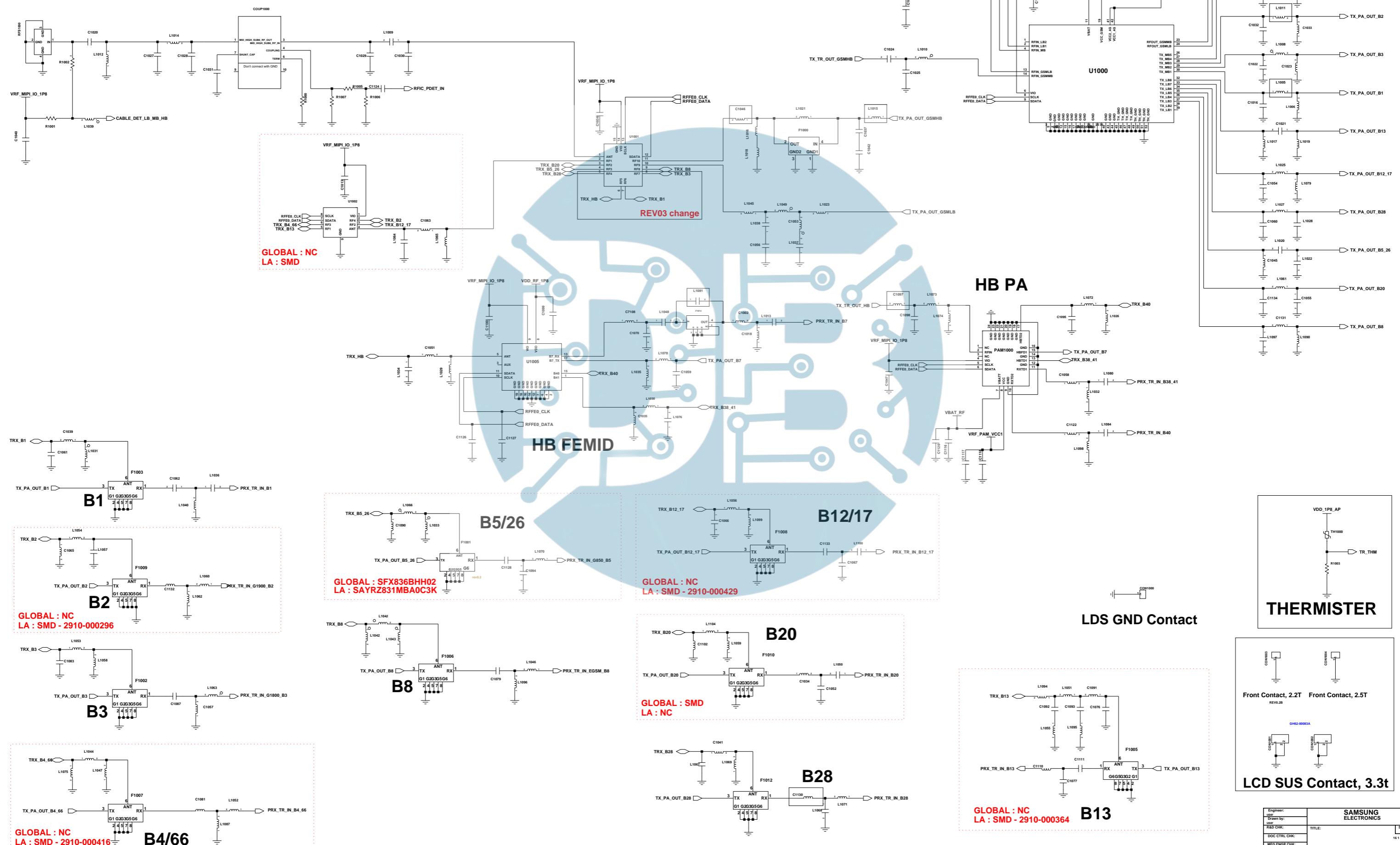
| | |
|---------------|--|
| Engineer: | |
| Drawn by: | |
| R&D CHK: | |
| DOC CTRL CHK: | |
| MFG ENGR CHK: | |

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EXCEPT AS AUTHORIZED BY SAMSUNG.

CI

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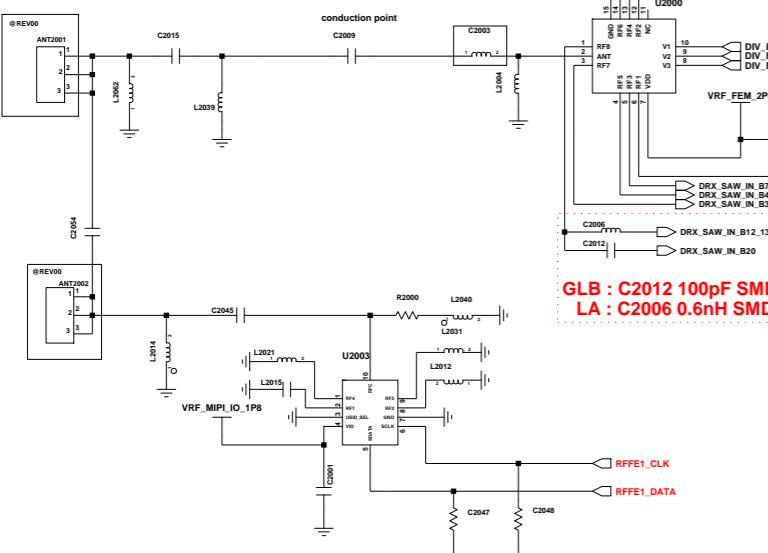
| | | |
|------------|------------------------------|--|
| FDD | 1/ 3/ 5/ 7/ 8/ 20/ 28 | 1/2/ 3/4/ 5/ 7/ 8/12/13/17/26/28/60 |
| TDD | 38/ 40/ 41 | 38/ 40/ 41 |
| 3G | 1/ 5/ 8 | 1/2/4/ 5/ 8 |
| 2G | 850/900/1800 | 850/900/1800/1900 |



| | |
|---|------------------------|
| Engineer: _____ Drawn by: _____ _____ & CHK: _____ DOC CTRL CHK: _____ MFG FNGR CHK: _____ _____ | SAMSUNG ELECTRONICS |
| TITLE: _____ | |
| | |
| 16 1 | |

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DRX



**GLOBAL : SFWG42CBB02 / 2904-002344
LA : SAFFD1G96AC2F3K / 2904-002368**

**CIS : B1 / B3
LA : B1 / B2 / B4 / B66**

LA B3

**GLOBAL : NC
LA : SAFFB1G84AB0F0A(2904-002190) SMD**

B28

B20

**GLOBAL : SMD
LA : NC**

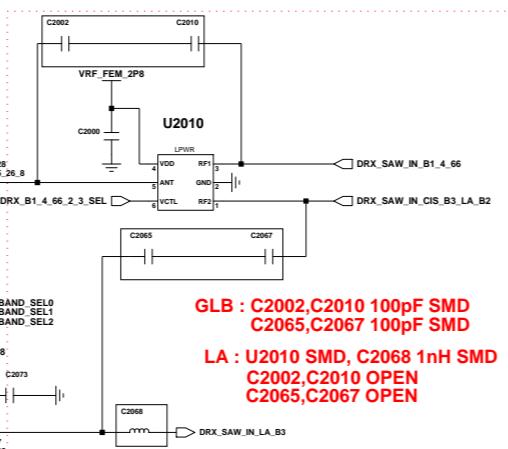
B12 / B13 / B17

**GLOBAL : NC
LA : SMD - 2904-002304**

F2005

B5_26 / B8

B5_26 / B8



**GLB : C2012 100pF SMD
LA : C2006 0.6nH SMD**

conduction point

C2009

L2039

C2015

L2029

C2003

L2004

R2000

L2040

C2001

L2031

C2007

L2021

L2015

VRF_MIPI_IO_1P8

C2006

L2012

C2047

C2048

RFFE1_CLK

RFFE1_DATA

U2003

U2007

C2018

L2001

C2002

L2002

C2003

L2004

C2005

L2006

C2007

L2008

C2009

L2000

C2001

L2002

C2003

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L2002

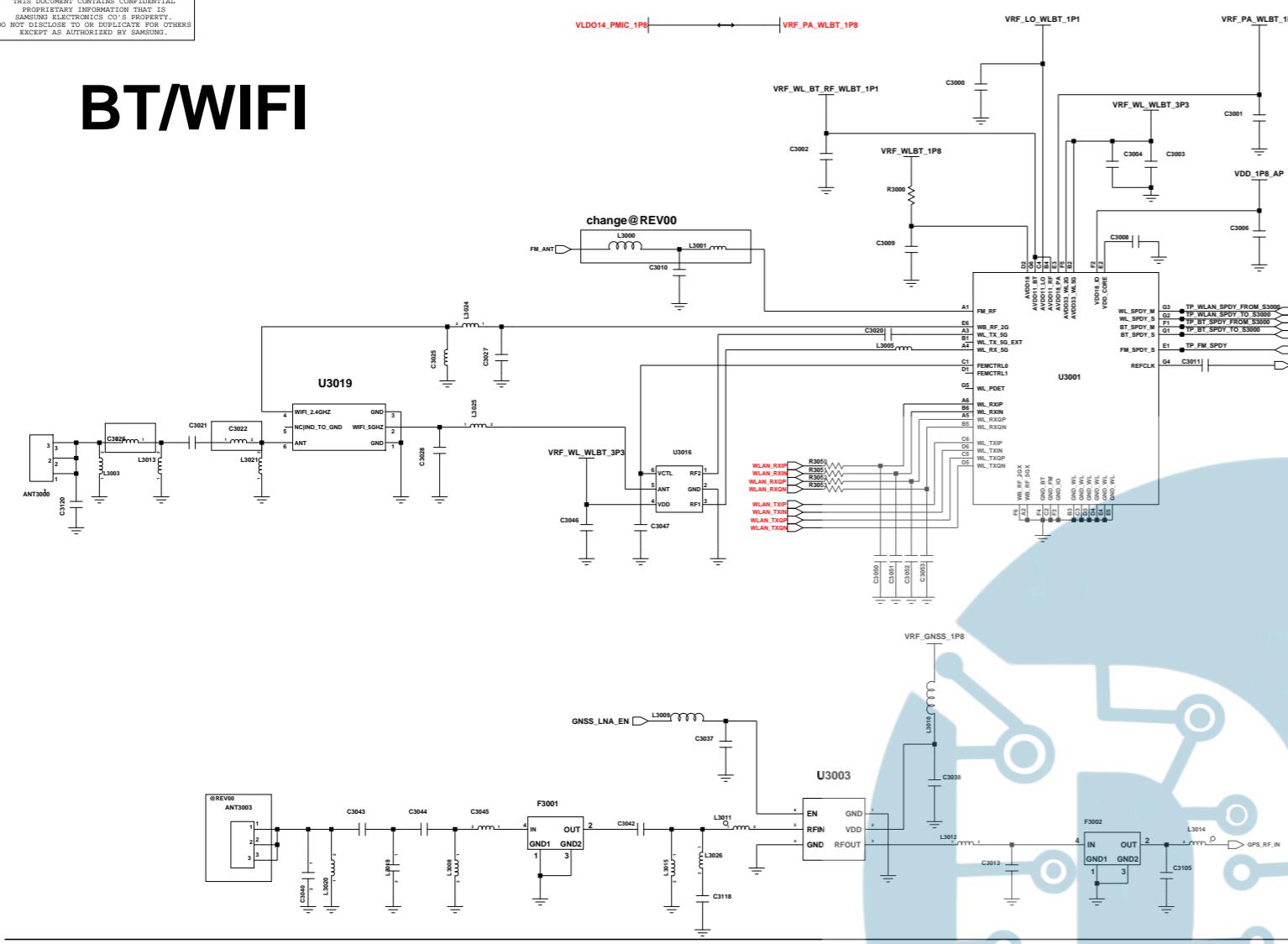
C2003

L2004

C2005

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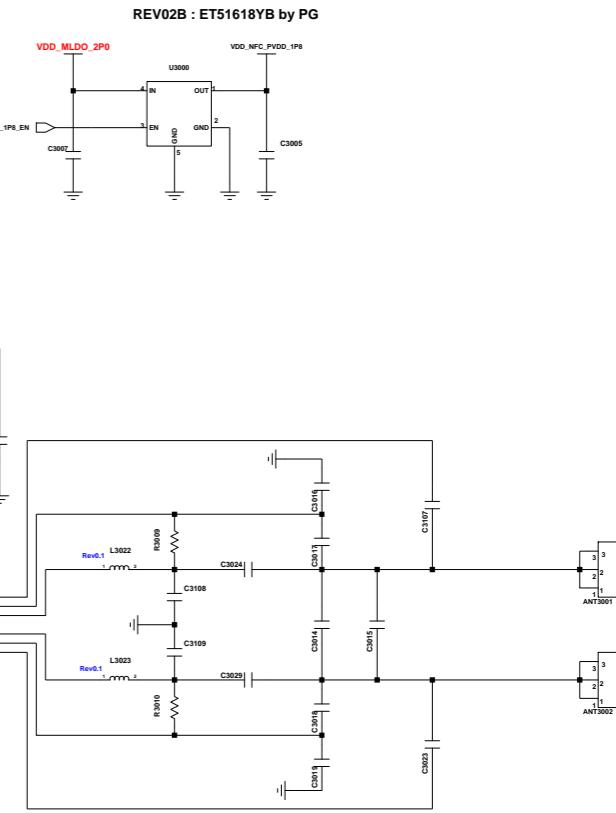
BT/WIFI



NFC components are only for

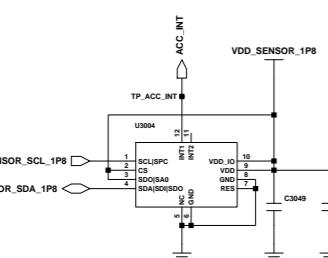
NFC

**SM-A047F_EUR,
SM-A047F_CIS
(BSM-A047F/6D4N)**

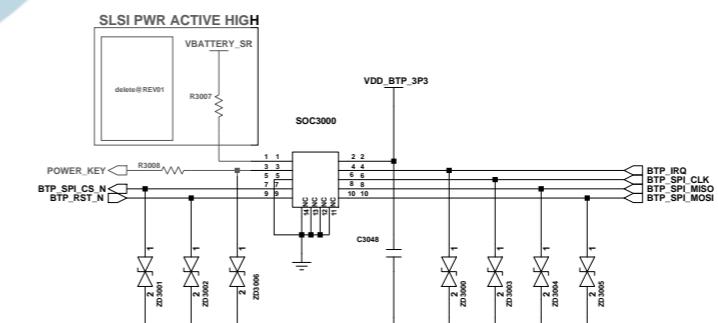


| NFC | NFC PART | Power supply of SIM1 | NFC GPIO 14 |
|--------|----------|----------------------|-------------|
| U3005 | R5017 | R5018 | R4005 |
| U3005 | CONNECT | short | open |
| nonNFC | NC | open | open |
| nonNFC | | short | open |
| nonNFC | | open | 10K ohm |

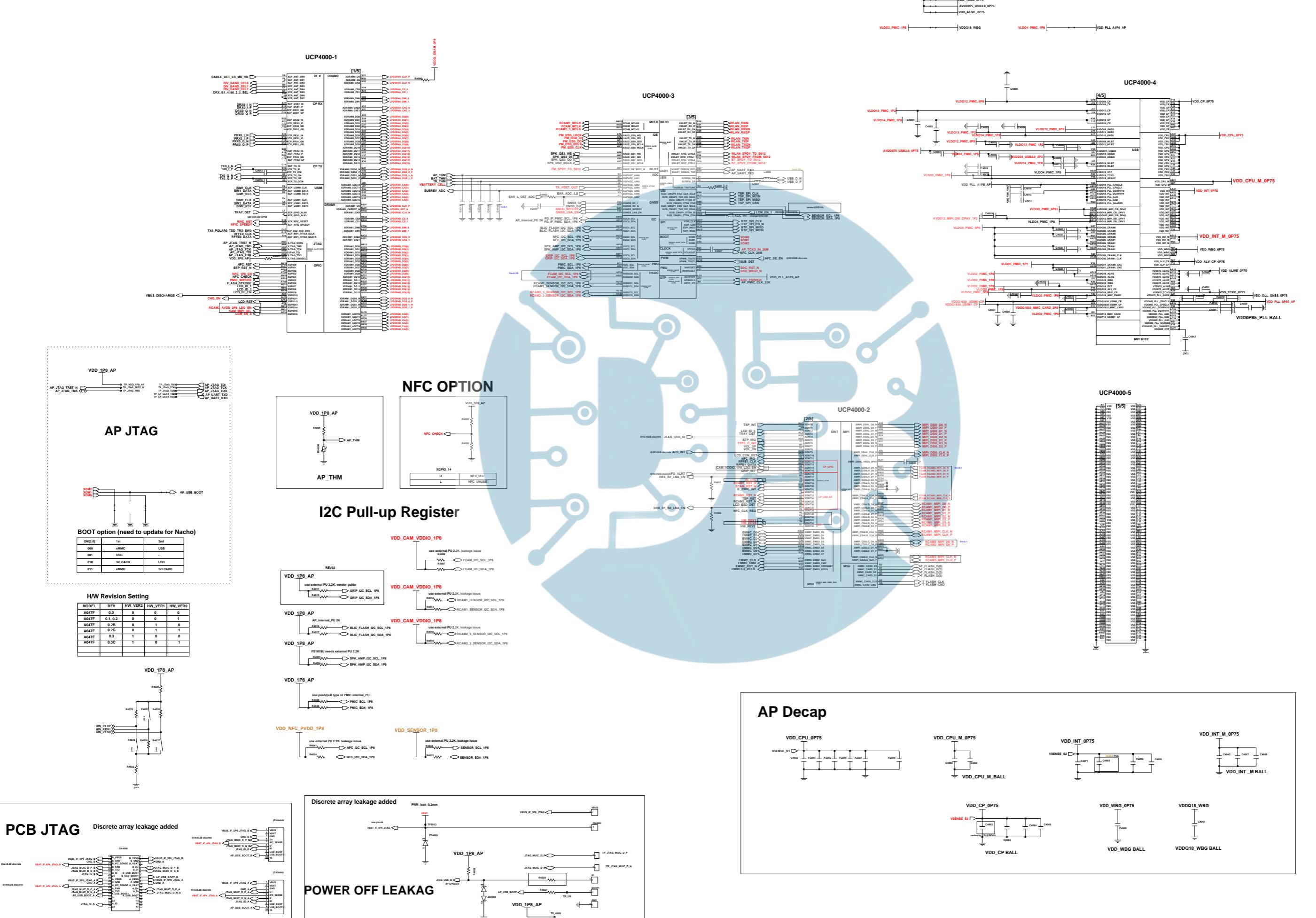
SENSORS

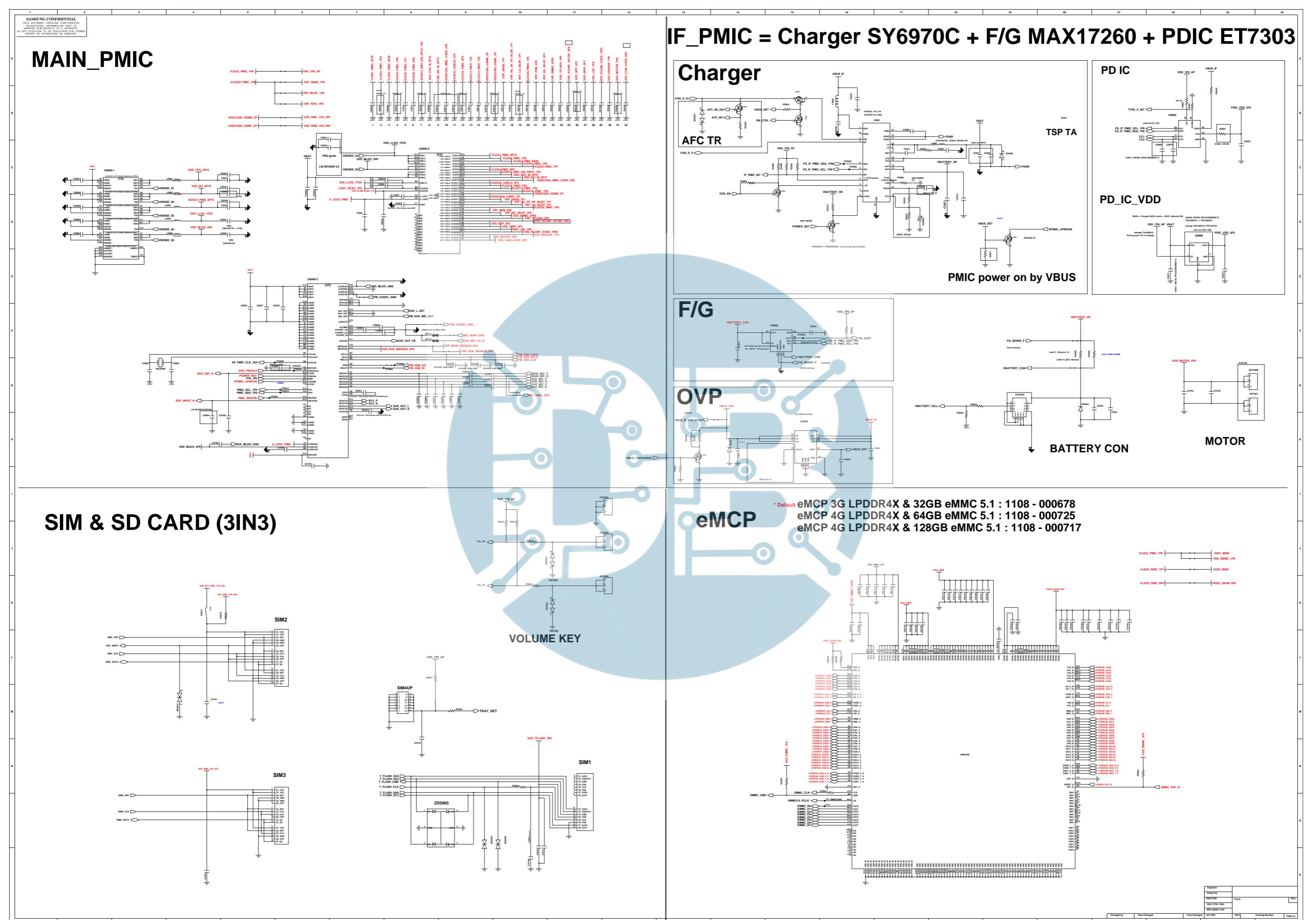


Accel. Sensor



EXYNOS3830 (NACHO)

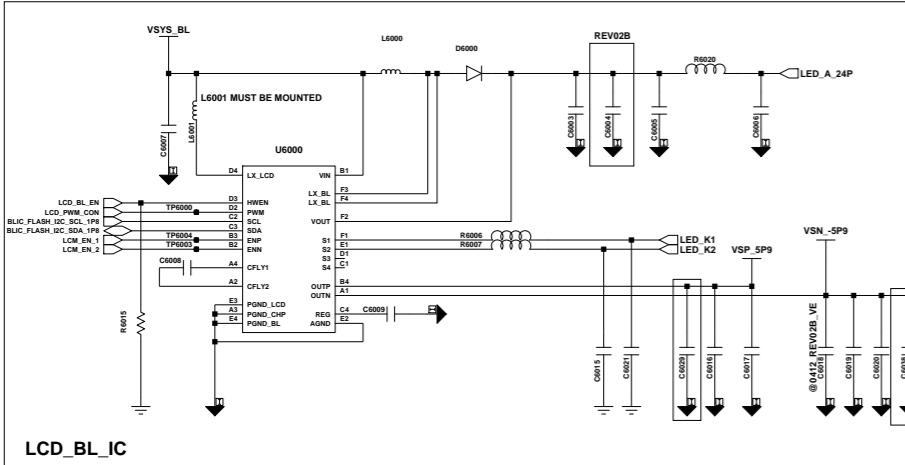
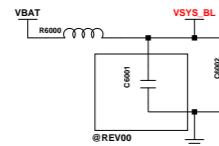




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BLIC

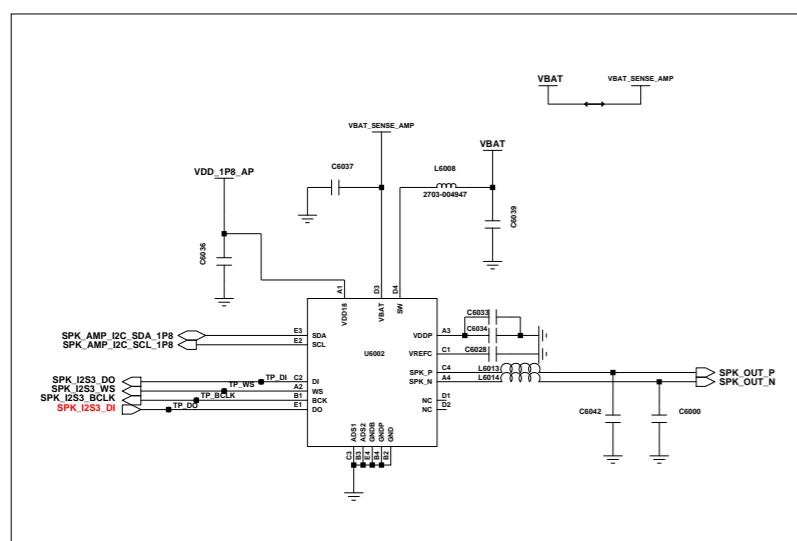
COPY FROM A135F



FLASH LED driver IC(new item)

COPY FROM A135F

AUDIO_PART

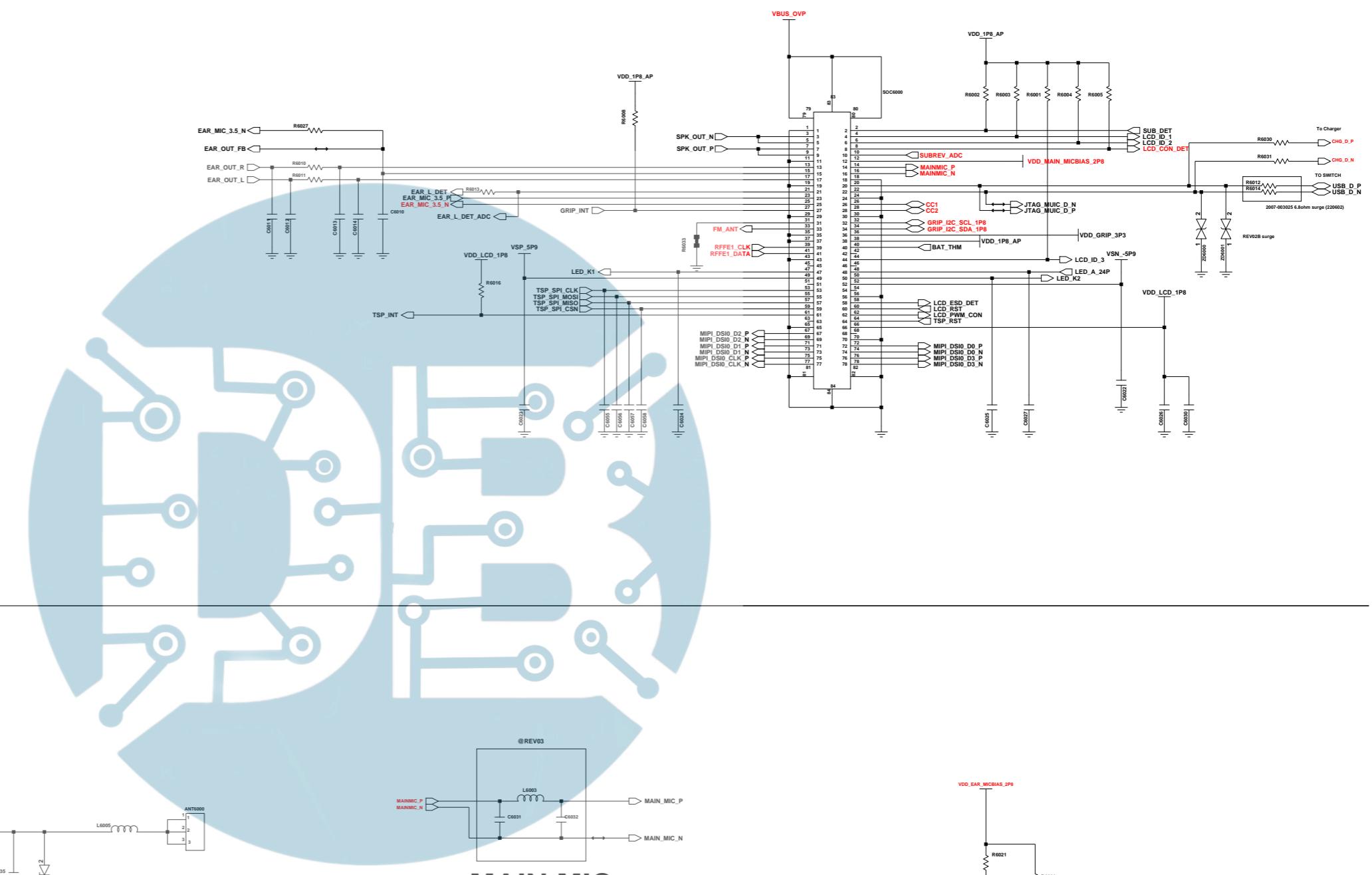


SPK AMP

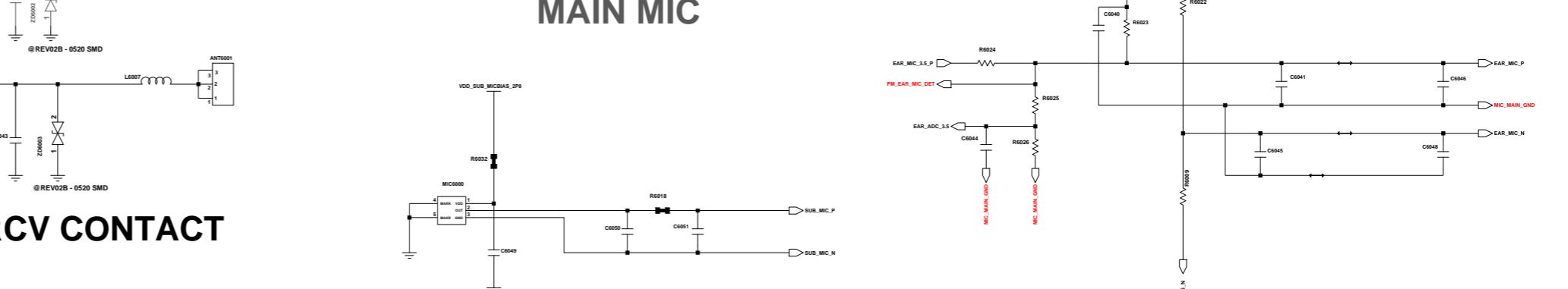
NEW

RCV CONTACT

MAIN FPCB_PART (78pin) 6.5" HD+ TFT V-CUT



MAIN MIC

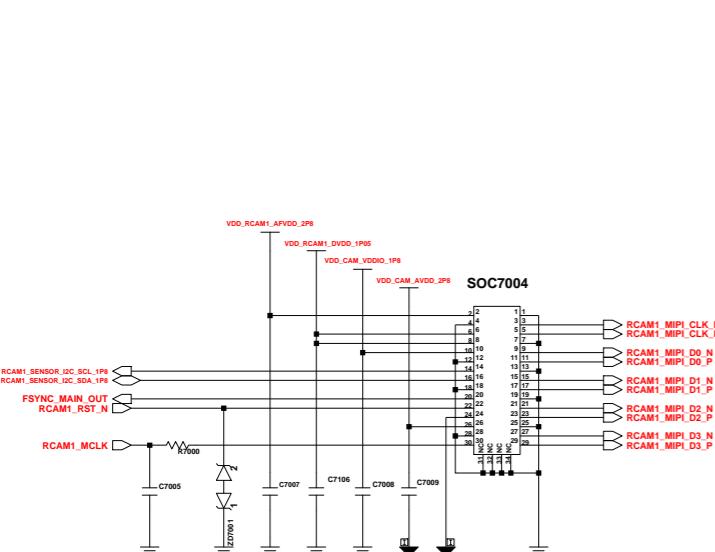


Sub MIC

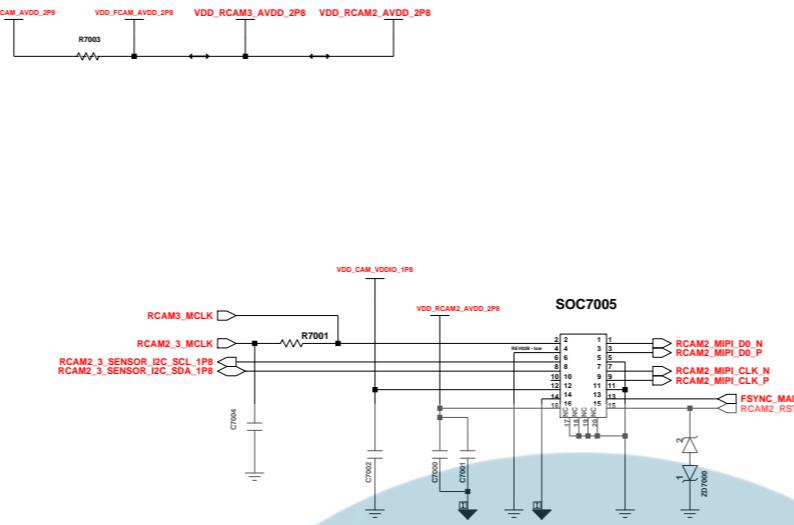
Ear MIC

| | |
|---------------|-----------------|
| Engineer: | |
| Drawn by: | |
| R&D CHK: | |
| DOC CTRL CHK: | |
| MFG ENGR CHK: | |
| Changed by: | Date Changed: |
| QA CHK: | Time Changed: |
| REV: | Drawing Number: |
| | Page: 07 |

CAMERA_PART

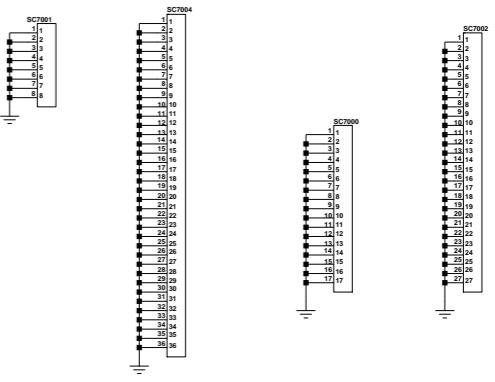


RCAM1_50M(30PIN)

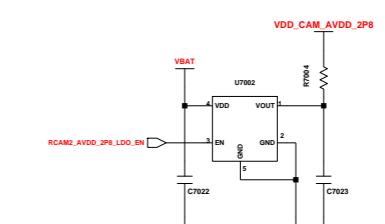


RCAM2_2M BOKEH CAMERA(16PIN)

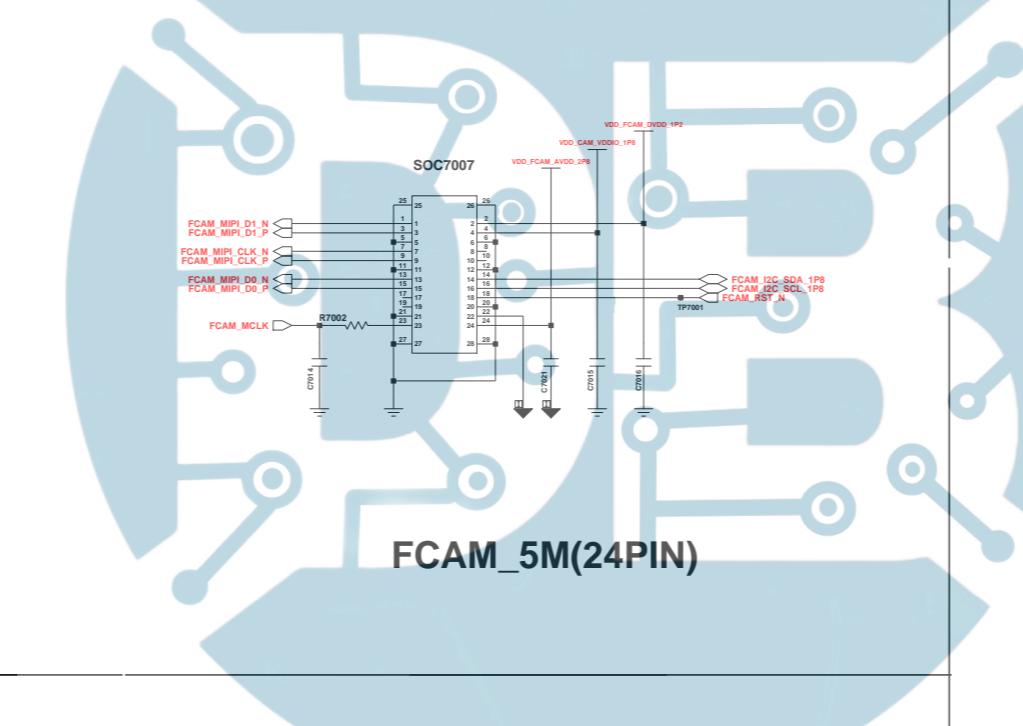
SHIELD CAN



CAM LDO

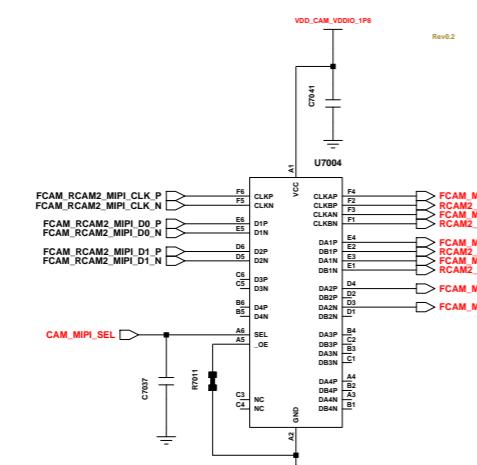


RCAM1

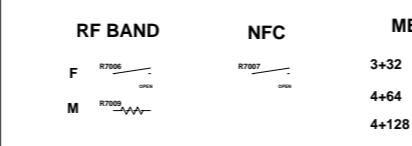


FCAM_5M(24PIN)

CAMERA MIPI SWITCH

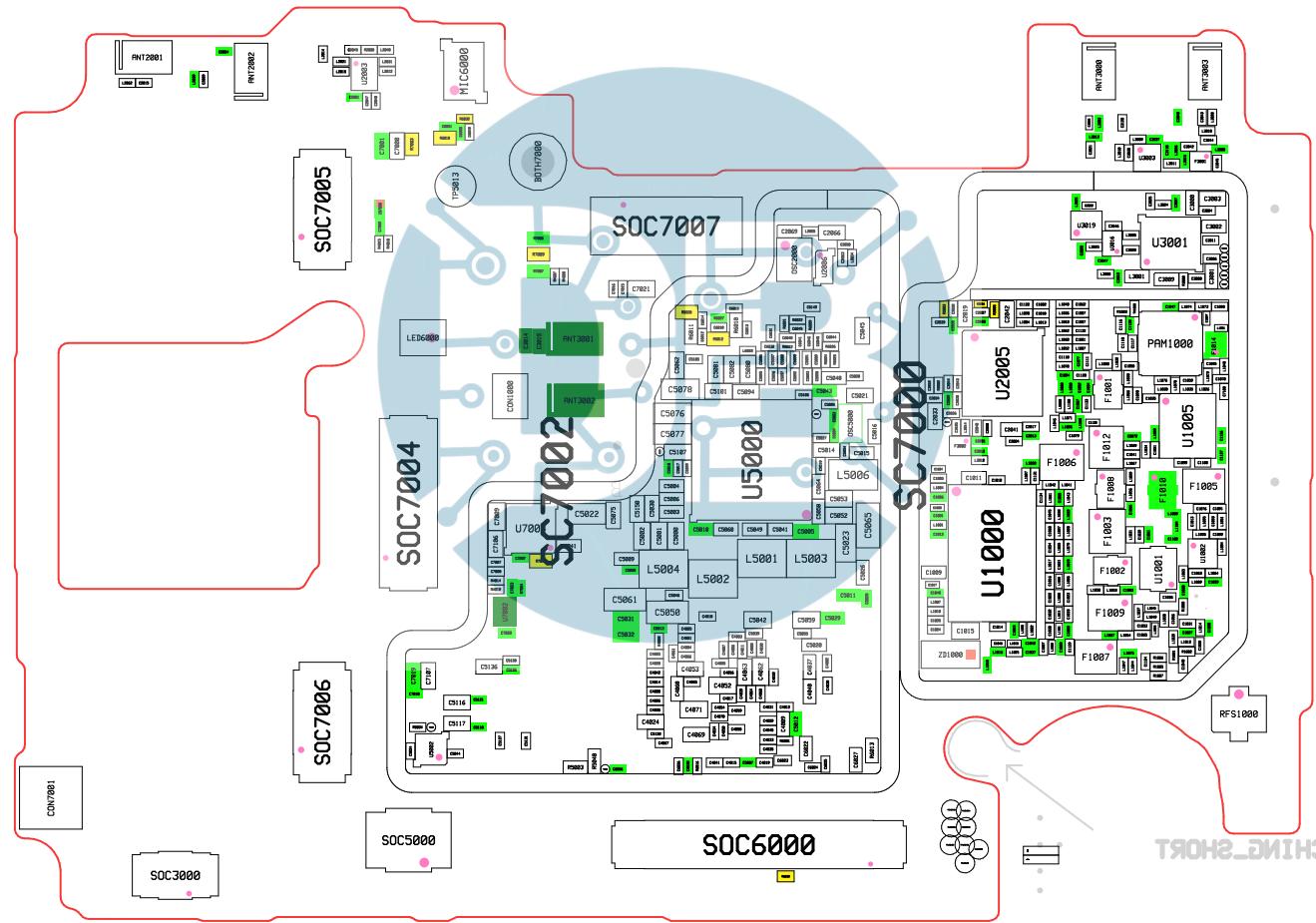


BOSS HOLE 2D BARCODE



RCAM2/3

SM-A047M_LA



SM-A047M_LA

