SM-A505FN REV0.4A

sheet01 : GSM / WCDMA / LTE RF
sheet02 : TRANCEIVER, DRX
sheet03 : SENSORS, DMB/DTV, CONNECTIVITY
sheet04 : AP(RAMEN)
sheet05 : PMIC(Main,IF), KEY, MOTOR, UFS, IF CON
sheet06 : AUDIO, SD/SIM, SHIELD CAN
sheet07 : CAMERA, DISPLAY

Engineer:
Drawn by:
R&D CHK:
DOC CTRL CHK:
MFG ENGR CHK:
SMD: 12.19
TITLE: **SM-A505F**
Size:
Changed by: user93
Date Changed:
Time Changed:
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Drawing Number:
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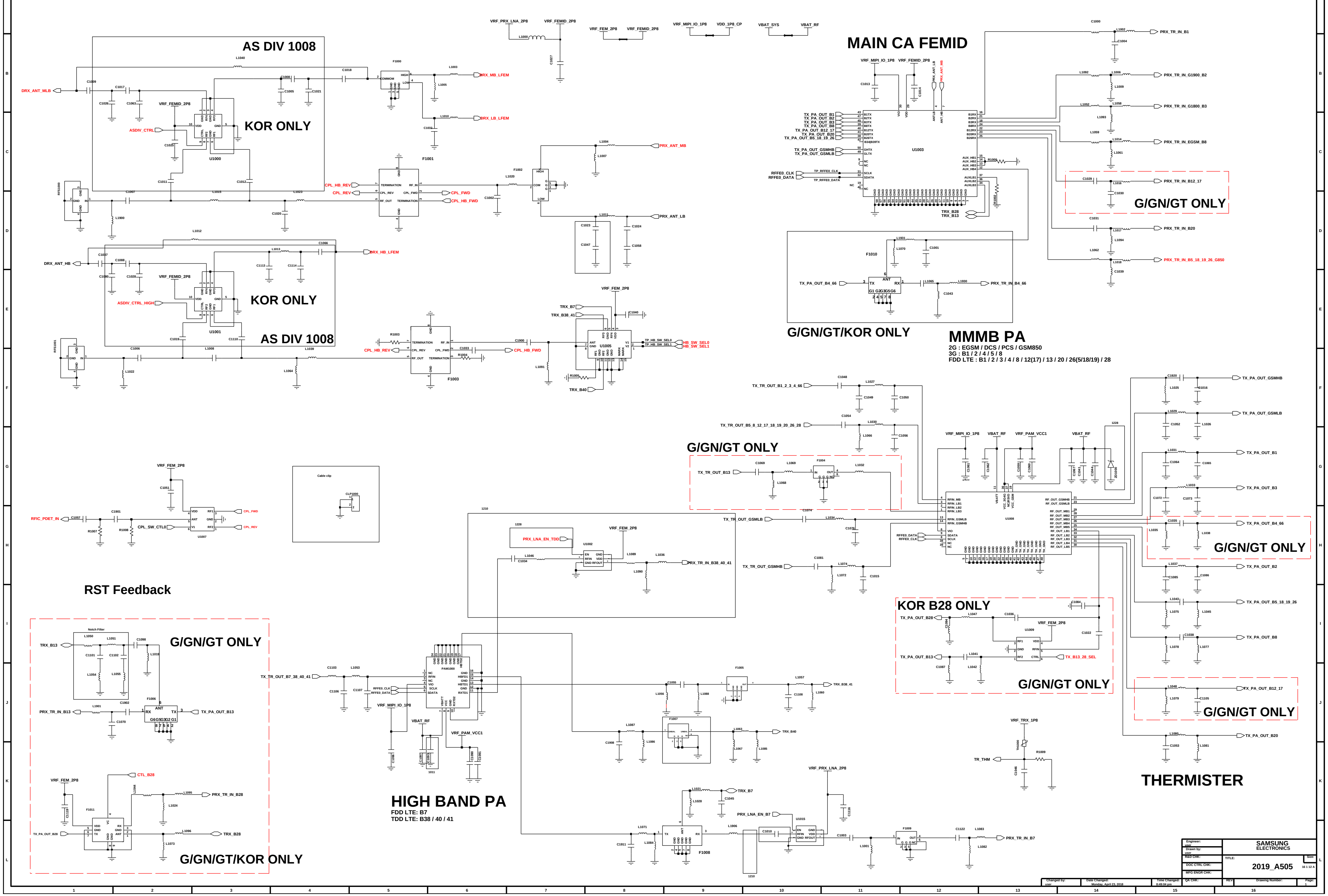

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Drawn by: user			
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Changed by: user	Date Changed: Monday, April 23, 2018	Time Changed: 8:49:04 pm	QA CHK:
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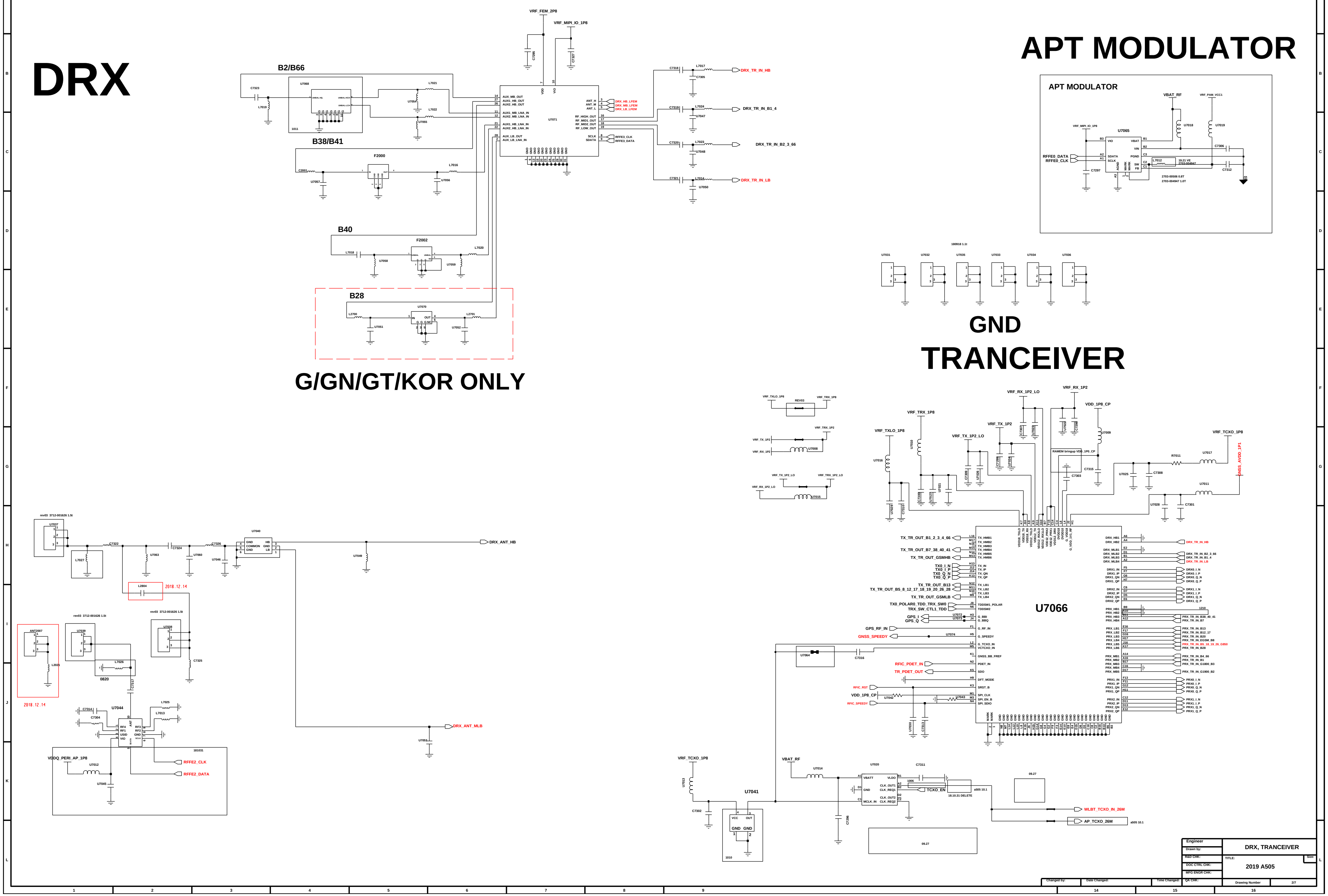
user|swcad100|10.253.20.206|20190213-153553



Engineer
Drawn by:
R&D CHK:
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MFG ENGR CHK:
QA CHK:
TITLE:
DRX, TRANCEIVER
2019 A505
Size
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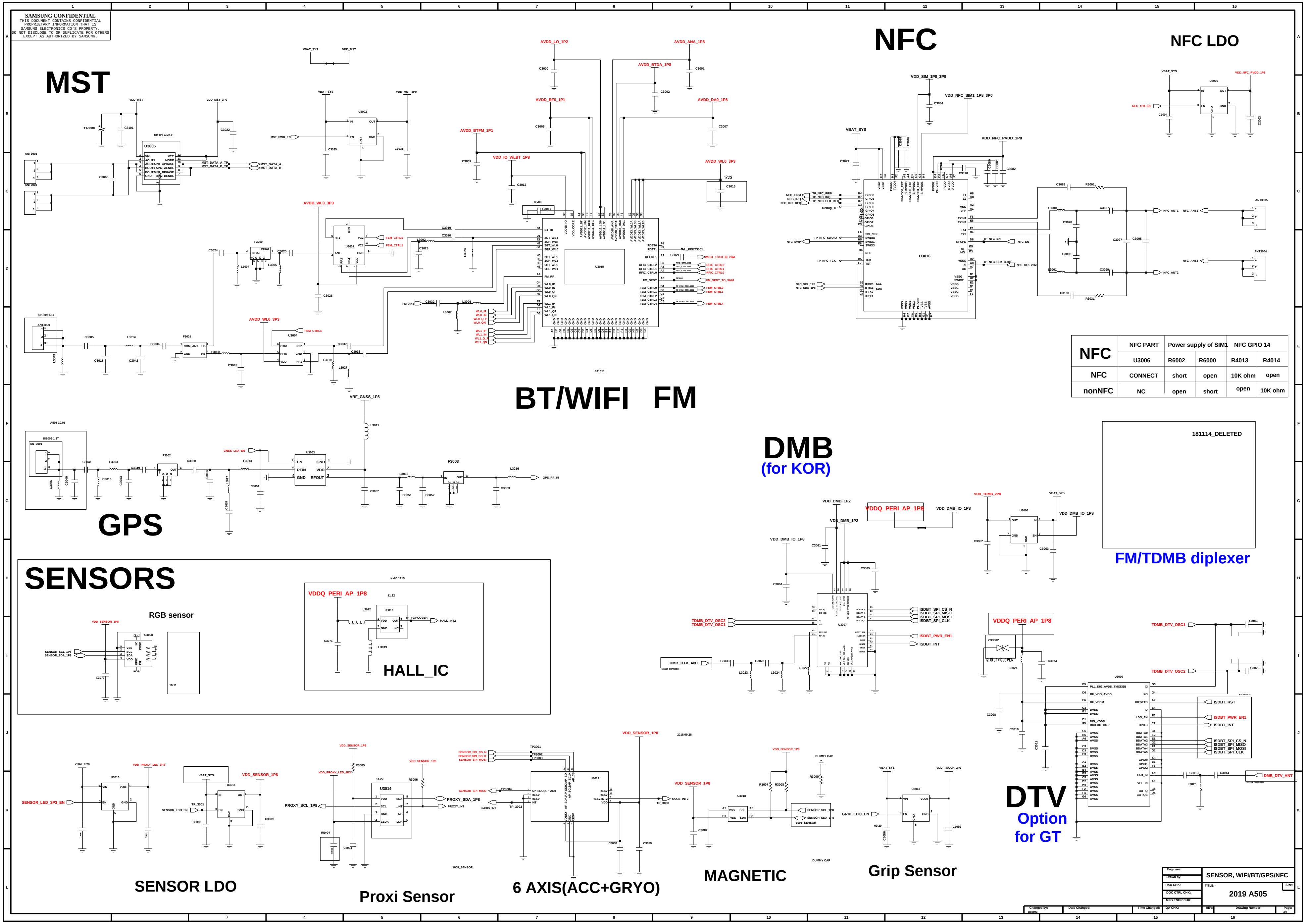
Changed by:
Date Changed:
Time Changed:

user|swcad100|10.253.20.206|20190213-153555



NFC	NFC PART	Power supply of SIM1		NFC GPIO 14	
	U3006	R6002	R6000	R4013	R4014
NFC	CONNECT	short	open	10K ohm	open
nonNFC	NC	open	short	open	10K ohm

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

SENSOR, WIFI/BT/GPS/NFC

TITLE:
2019 A505

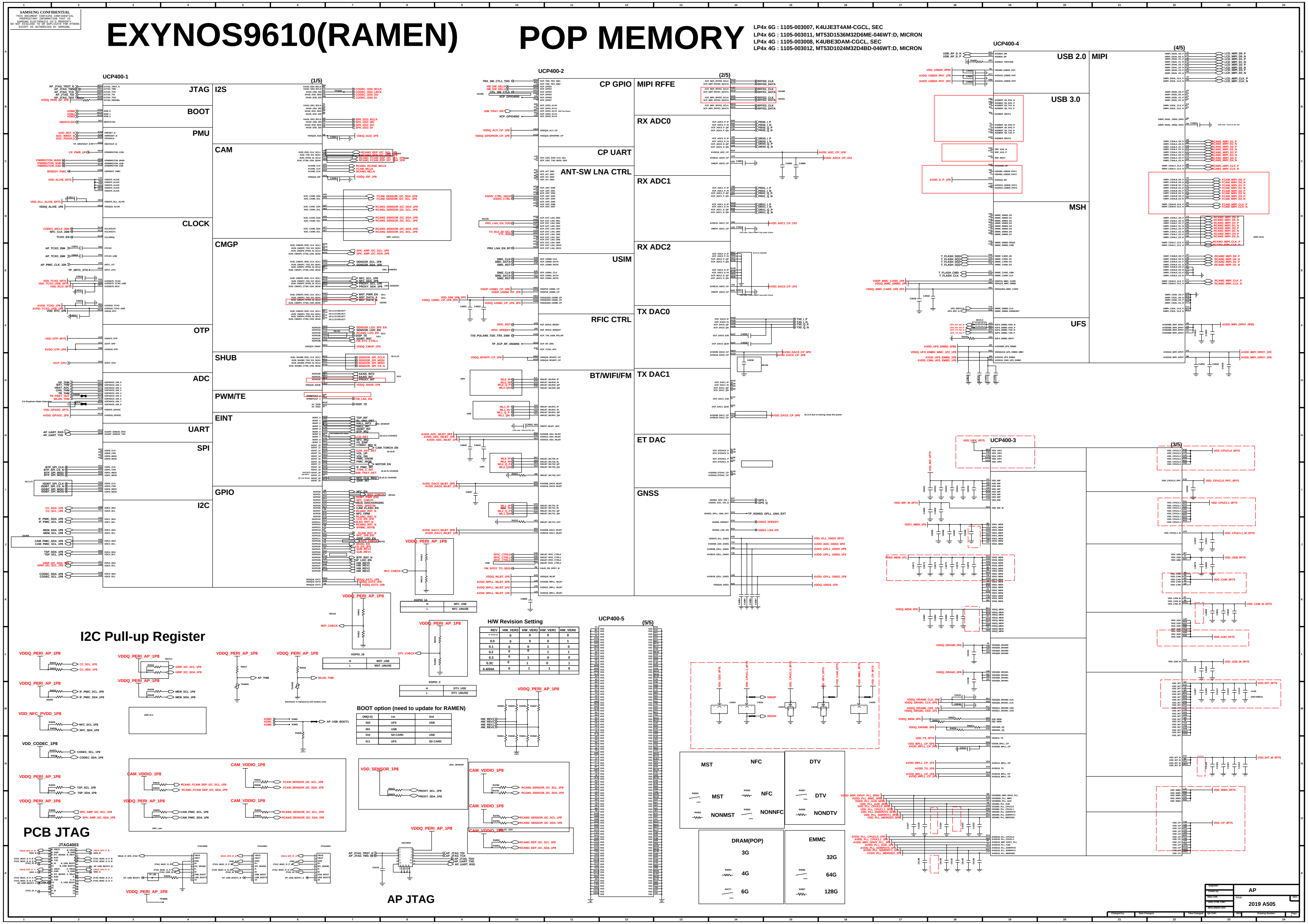
Size:

Changed by: user93
Date Changed:
Time Changed:
REV:
Drawing Number:
Page: 3/7

EXYNOS9610(RAMEN)

POP MEMORY

LP4x 6G : 1105-003007, K4UJE3T4AM-CGCL, SEC
LP4x 6G : 1105-003011, MT53D1536M32D6ME-046WT:D, MICRON
LP4x 4G : 1105-003008, K4UBE3DAM-CGCL, SEC
LP4x 4G : 1105-003012, MT53D1024M32D4BD-046WT:D, MICRON



XGPIO_16

H	NFC_USE
L	NFC_UNUSE

XGPIO_18

H	MST_USE
L	MST_UNUSE

XGPIO_2

H	DTV_USE
L	DTV_UNUSE

H/W Revision Setting

REV	HW_VER3	HW_VER2	HW_VER1	HW_VER0
RF_BRING-UP	0	0	0	0
0.0	0	0	0	1
0.1	0	0	1	0
0.2	0	0	1	1
0.3	0	1	0	0
0.3C	0	1	0	1
0.4/04A	0	1	1	0

BOOT option (need to update for RAMEN)

OM[2:0]	1st	2nd
000	UFS	USB
001	USB	-
010	SD CARD	USB
011	UFS	SD CARD

Engineer:	AP
Drawn by:	
R&D CHK:	TITLE: 2019 A505
DOC CTRL CHK:	Size:
MFG ENGR CHK:	
Time Changed:	QA CHK:
REV	Drawing Number:
Page: 7	

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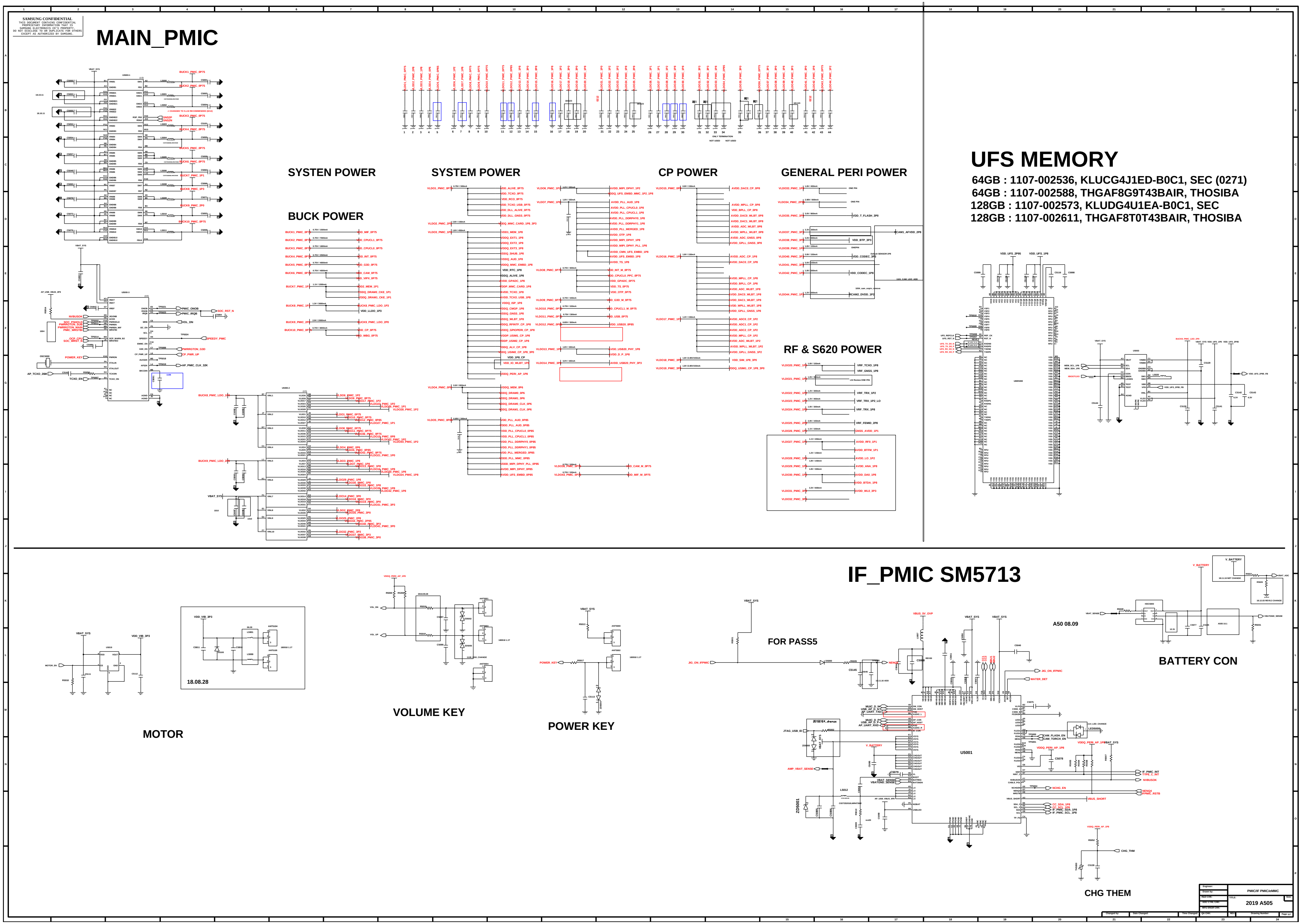

Engineer:
Drawn by:
R&D CHK:
DOC CTRL CHK:
MFG ENGR CHK:
QA CHK:

PMIC/IF PMIC/eMMC

TITLE:
2019 A505

Size:
REV:
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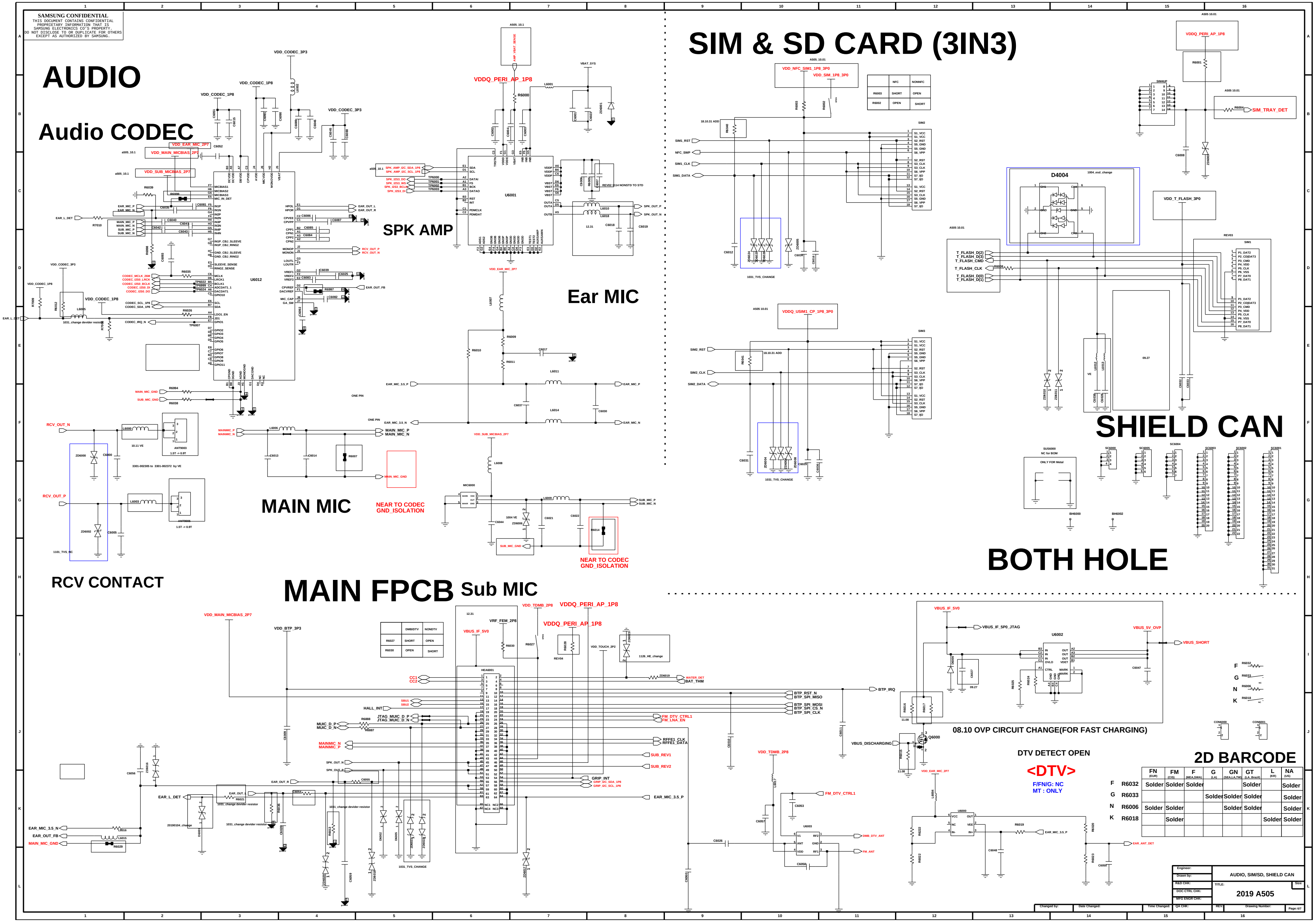

	NFC	NONNFC
R6003	SHORT	OPEN
R6002	OPEN	SHORT

	DMB/DTV	NONDTV
R6027	SHORT	OPEN
R6030	OPEN	SHORT

2D BARCODE

		FN (EUR)	FM (CIS)	F (MEA,SWA)	G (LA)	GN (SEA,LA,TW)	GT (LA_Brazil)	L (KR)	NA (US)
F	R6032	Solder	Solder	Solder			Solder		Solder
G	R6033				Solder	Solder	Solder		Solder
N	R6006	Solder	Solder			Solder	Solder		Solder
K	R6018		Solder					Solder	Solder

Engineer:
Drawn by:
R&D CHK:
DOC CTRL CHK:
MFG ENGR CHK:
QA CHK:
Changed by:
Date Changed:
Time Changed:

AUDIO, SIM/SD, SHIELD CAN

TITLE:
2019 A505
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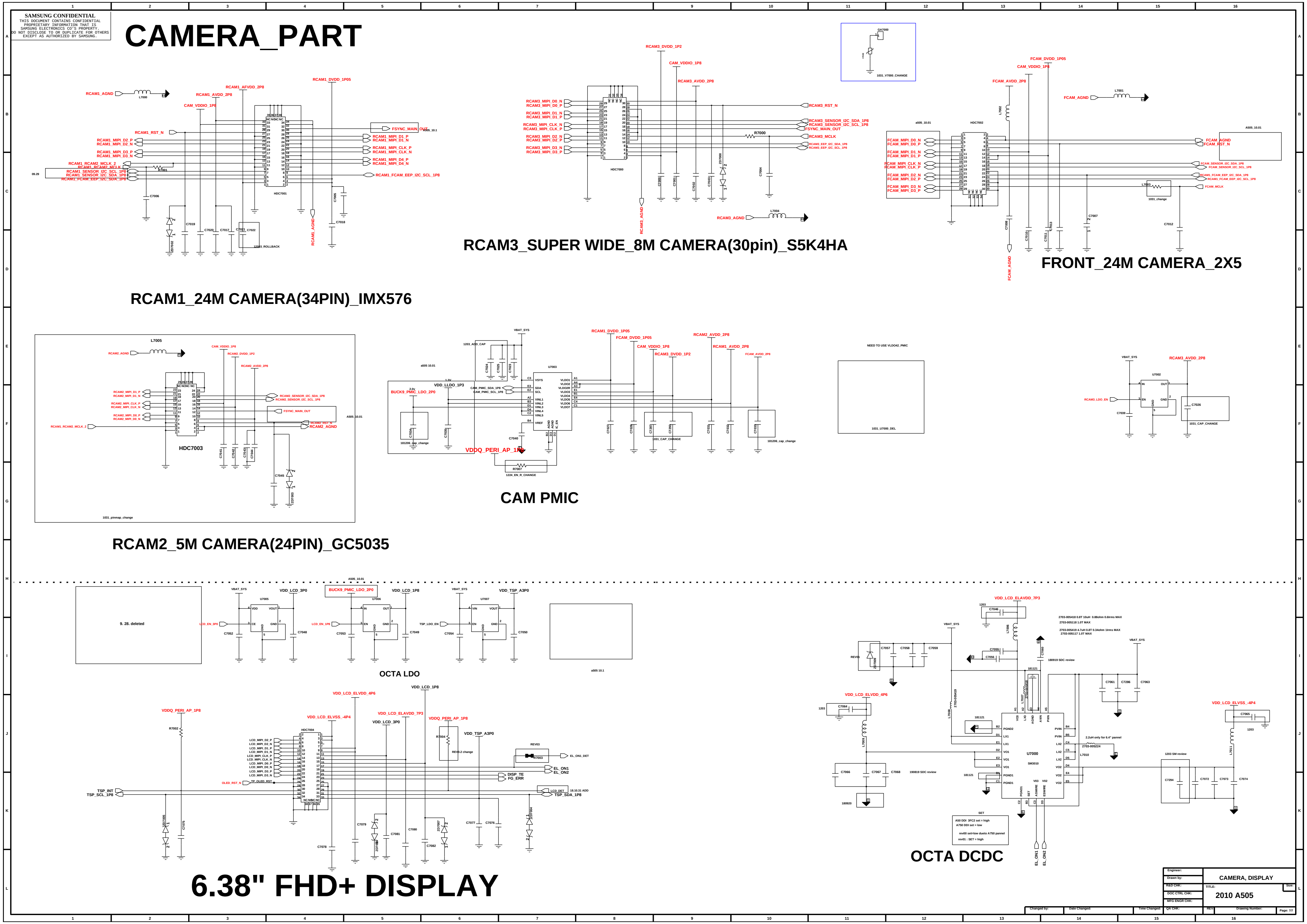
CAMERA_PART



CAMERA, DISPLAY
2010 A505