

side\_etching (short)

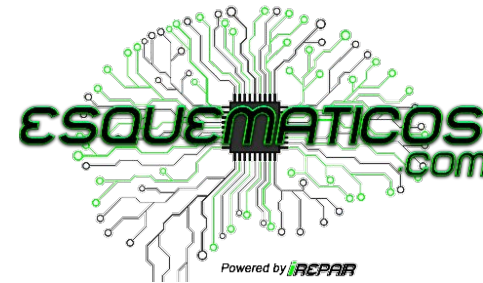
side\_etching (open)

# ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

**SM-A515FM\_REV0.3D**



## تنبيه:

# 2019.10.29

# sheet01 : GSM / WCDMA / LTE RF

# sheet02 : TRANCEIVER, DRX

# sheet03 : SENSORS, DMB/DTV, CONNECTIVITY

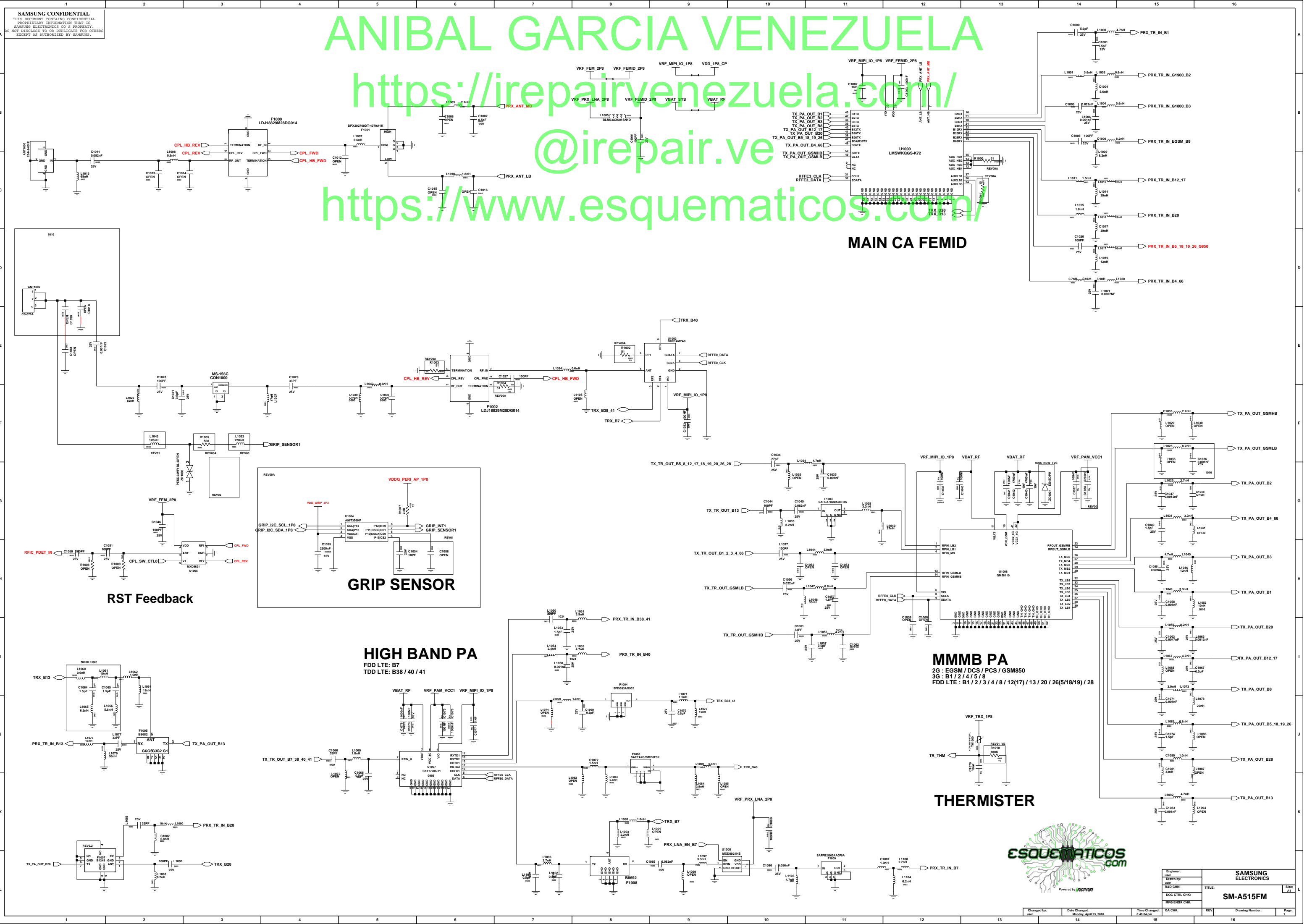
# sheet04 : AP(RAMEN+)

# sheet05 : PMIC(Main,IF), KEY, MOTOR, UFS

# sheet06 : AUDIO, SD/SIM, SHIELD CAN, IF CON

# sheet07 : CAMERA, DISPLAY

Engineer:	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <b>SM-A515FM</b> </div>			<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>Size: A1</b> </div>
Drawn by:				
R&D CHK:				
DOC CTRL CHK:				
MFG ENGR CHK:				
QA CHK:	REV	Drawing Number:	Page:	
			9	
		16		



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MAIN CA FEMID

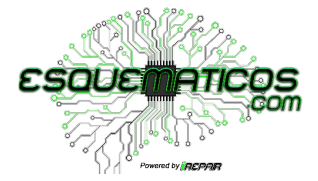
GRIP SENSOR

HIGH BAND PA

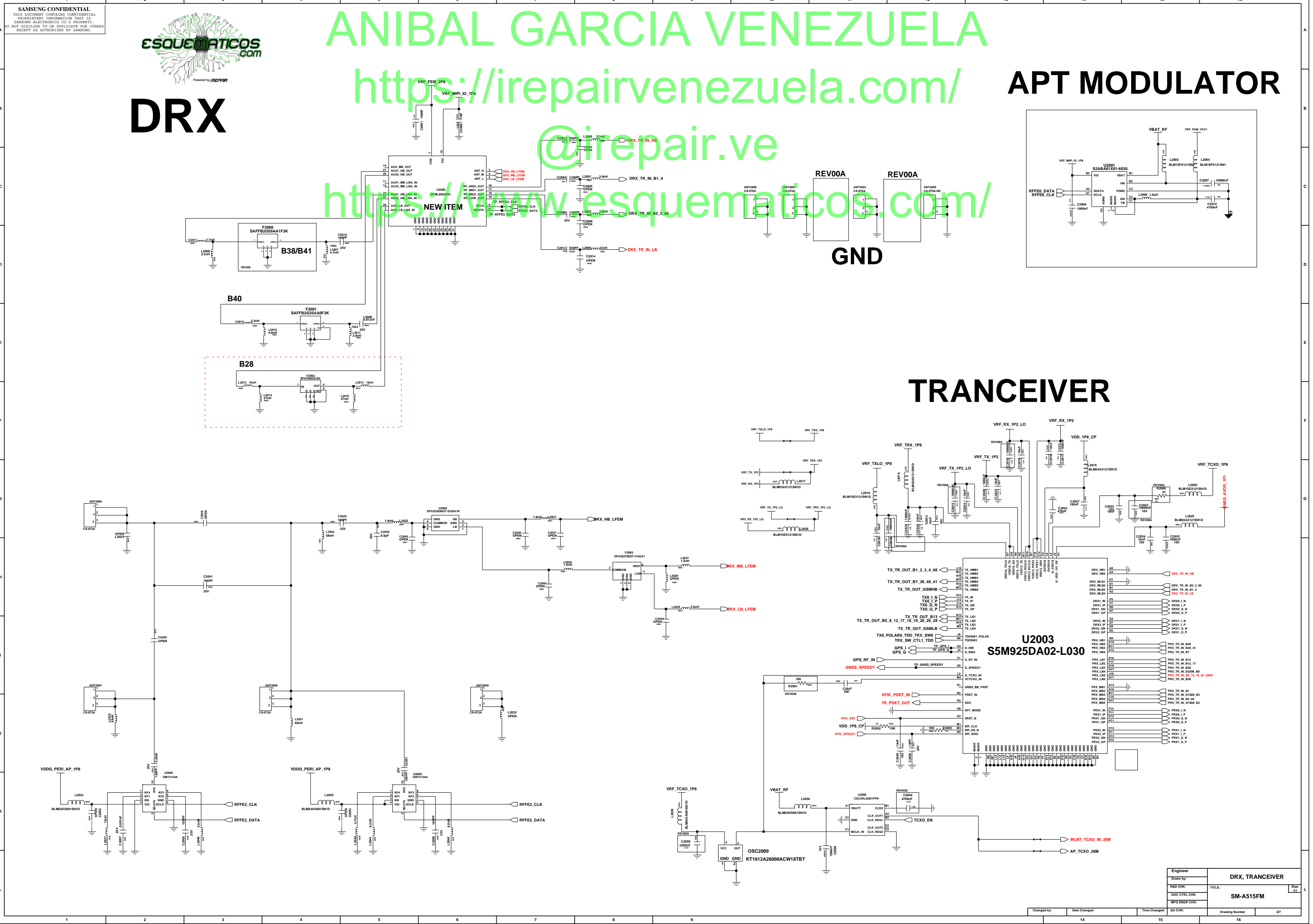
MMBB PA

2G : EGSM / DCS / PCS / GSM850  
3G : B1/2/4/5/18  
FDD LTE : B1/2/3/4/8/12(17)/13/20/26(5/18/19)/28

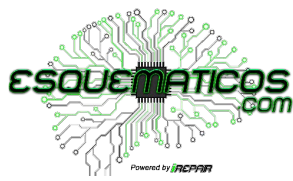
THERMISTER



Engineer:		SAMSUNG	
Drawn by:		ELECTRONICS	
Rev:			
DOC CTRL CHK:			
MFG ENGR CHK:			
GA CHK:			
REV:			
Drawing Number:			
Page:			



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DRX

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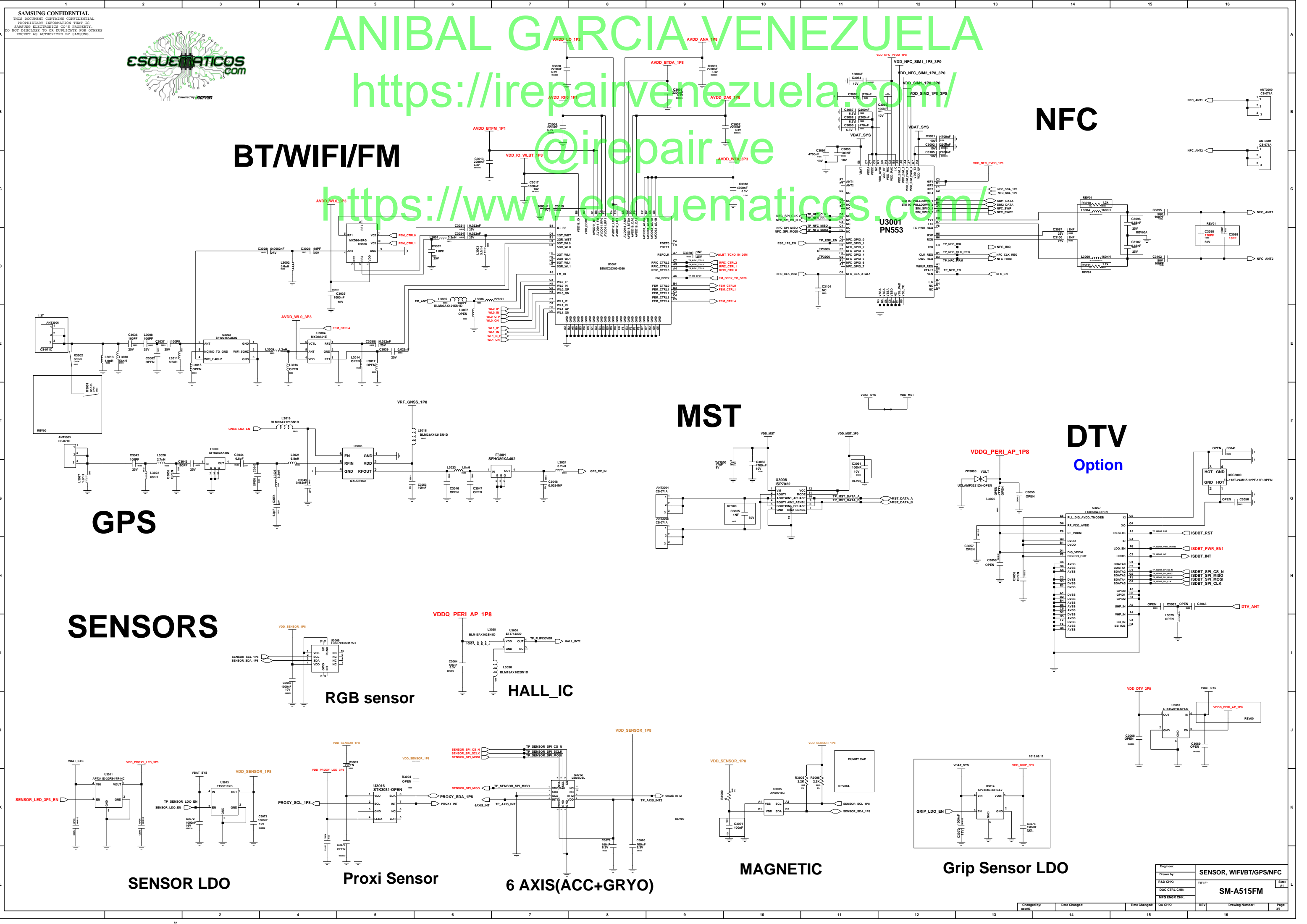
<https://www.esquematicos.com/>

APT MODULATOR

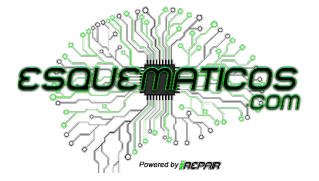
TRANSCIVER

Engineer	DRX, TRANSCIVER	Size
Drawn by:		A3
RAD CHK:	TITLE:	
DOC CTRL CHK:	SM-A515FM	
MFG ENGR CHK:		
GA CHK:	Drawing Number	27





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BT/WIFI/FM

NFC

MST

DTV  
Option

GPS

SENSORS

RGB sensor

HALL\_IC

Proxi Sensor

6 AXIS(ACC+GRYO)

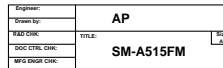
MAGNETIC

Grip Sensor LDO

SENSOR LDO

Engineer:	SENSOR, WIFI/BT/GPS/NFC	Size:	A1
Drawn by:		TITLE:	
RAD CHK:		DOC CTRL CHK:	SM-A515FM
MPG ENGR CHK:		REV:	
QA CHK:		Drawing Number:	
Changed by:	user3	Date Changed:	
Time Changed:		Page:	37

UCP400-4  
S5E9611HL0-LA3J



# MAIN\_PMIC

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# UFS MEMORY

64GB : 1107-002536, KLUCG4J1ED-B0C1, SEC (0271)  
64GB : 1107-002588, THGAF8G9T43BAIR, THOSIBA  
128GB : 1107-002573, KLUDG4U1EA-B0C1, SEC  
128GB : 1107-002611, THGAF8T0T43BAIR, THOSIBA

## SYSTEM POWER

## SYSTEM POWER

## CP POWER

## GENERAL PERI POWER

## BUCK POWER

## RF & S620 POWER

## MOTOR

# IF\_PMIC SM5713

## BATTERY CON

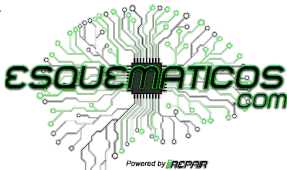
## VOLUME KEY

## POWER KEY

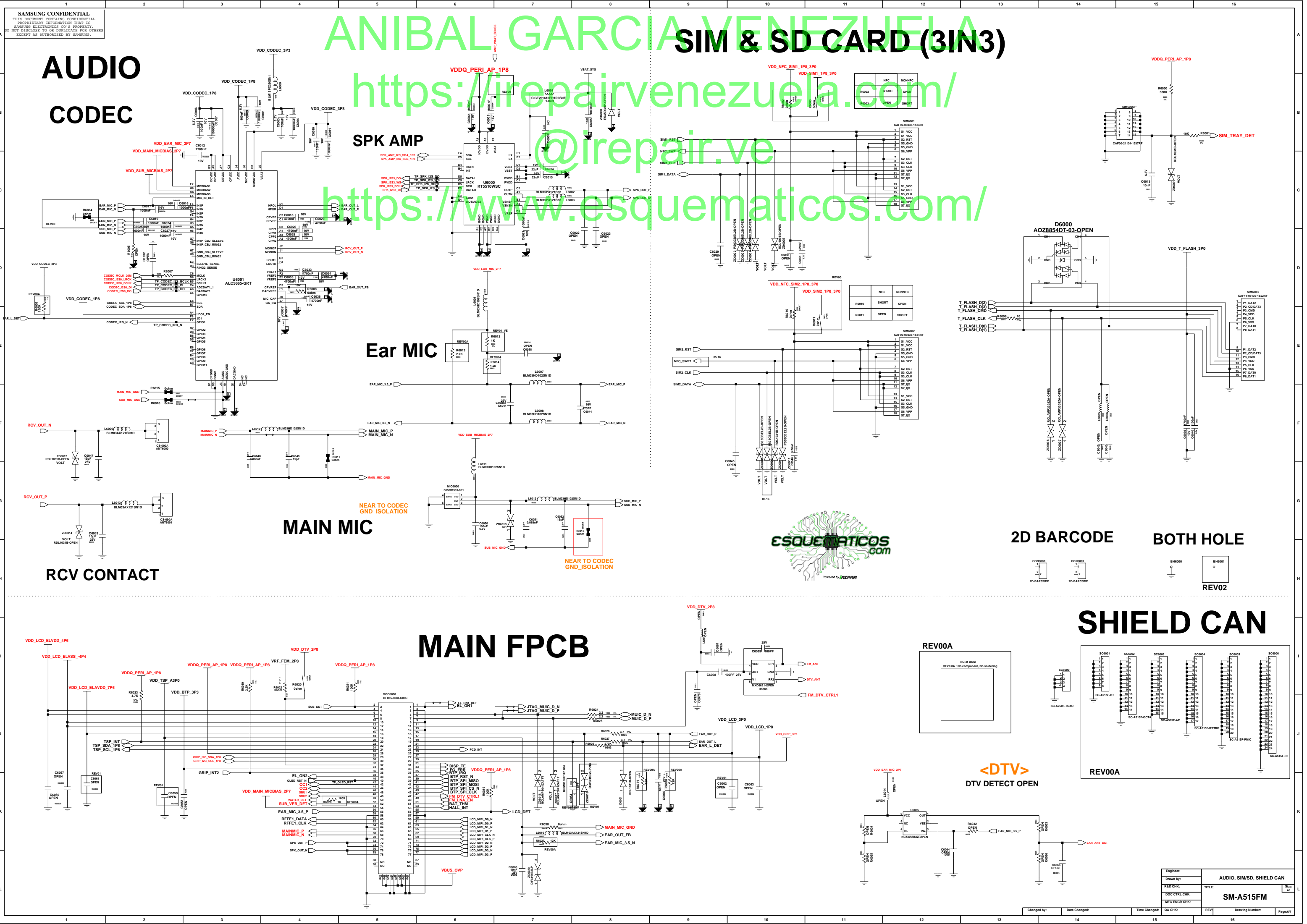
## FOR PASS5

## CHG THEM

## OVP CIRCUIT (FOR FAST CHARGING)







# AUDIO CODEC

## SPK AMP

## Ear MIC

## MAIN MIC

## RCV CONTACT

# MAIN FPCB

## SIM & SD CARD (3IN3)

# SHIELD CAN

