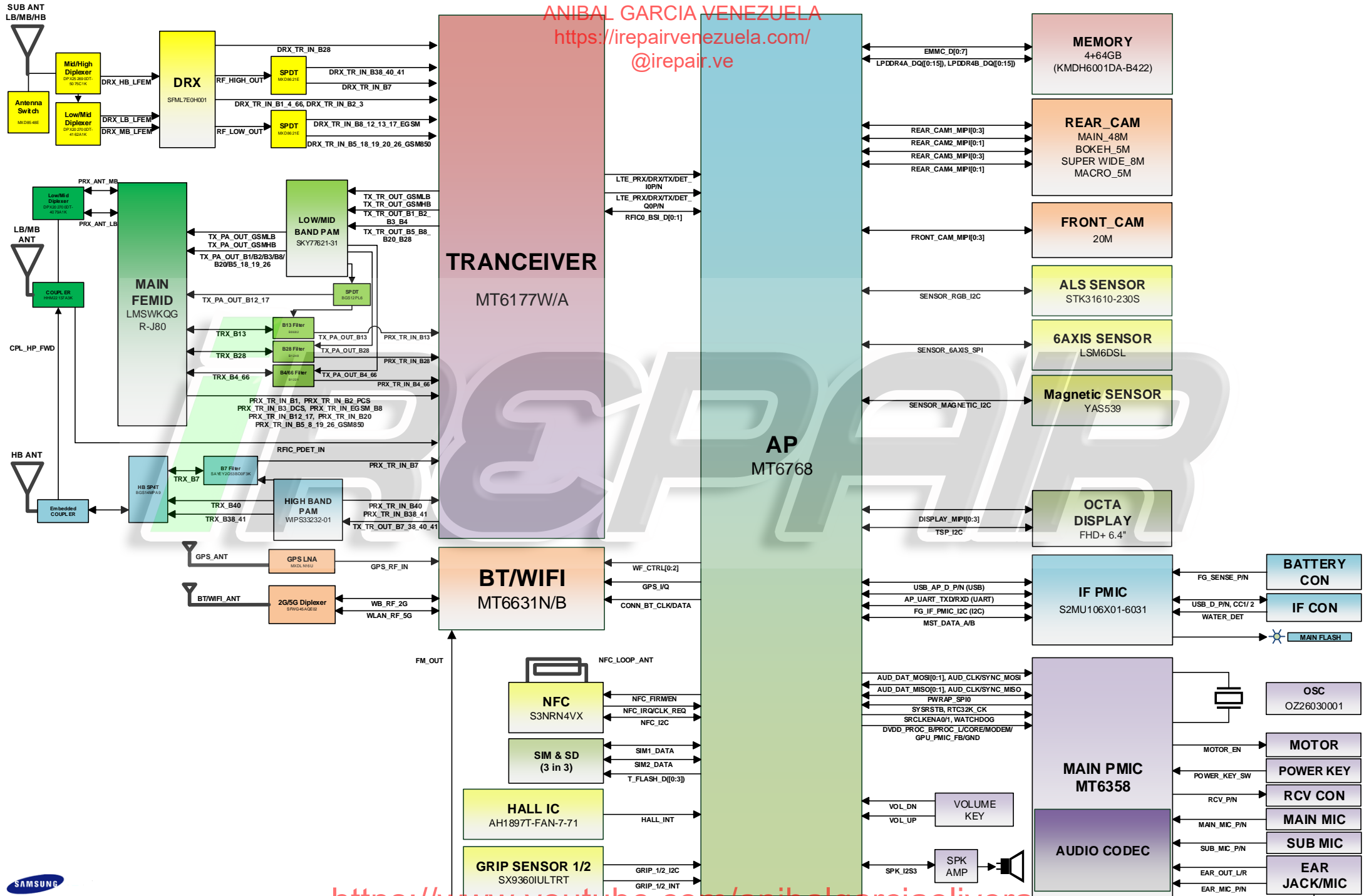


SM-A315 Block Diagram

SM-A315F/G
Common



ANIBAL GARCIA VENEZUELA
<https://irepairvenezuela.com/>
@irepair.ve

<https://www.youtube.com/anibalgarciaolivera>



SM-A315F

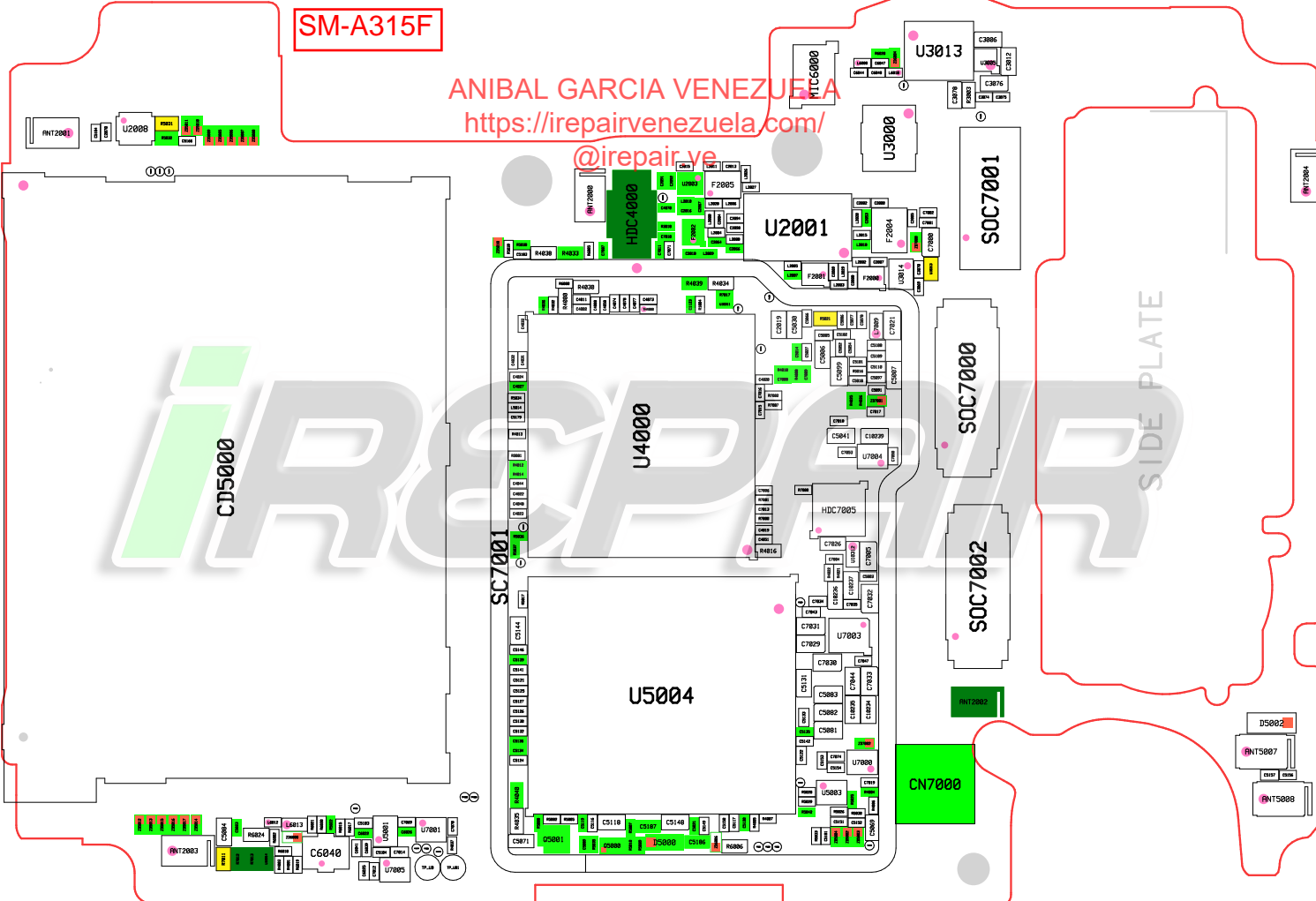
ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair_ve

A

A



CD5000

U4000

U5004

SC7001

U2001

HDC4000

HDC6000

U3000

SOC7001

SOC7000

SOC7002

CN7000

SIDE PLATE

<https://www.youtube.com/channel/UC.../anibalgarciaolivera>

D5002

INT5007

INT5008

SM-A315F

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

BH7000

CN7001

SC7000

OSC5000

F2003

US6000

SOC7003

L5008

U5002

L5010

L5017

L5003

SOC7004

SC7002

L5004

L5005

U5005

CN5000

L5013

L5009

L5018

L5004

U3004

C5048

U5005

L5001

U5005

L5001

L5001

SC7003

U2005

PAM1000

PAM1000

U1001

PAM1000

L7005

L7011

U7011

L7010

L7013

L7011

U1001

U1001

L7010

L7010

L7010

L7010

L7010

U3003

PAM1001

PAM1001

U1001

PAM1001

RFS1001

RFS1001

RFS1001

RFS1001

RFS1001

RFS1001

RFS1001

U2005

PAM1001

PAM1001

U1001

PAM1001

L7005

L7011

U7011

L7010

L7013

L7011

U2005

PAM1001

PAM1001

U1001

PAM1001

L7005

L7011

U7011

L7010

L7013

L7011

U2005

PAM1001

PAM1001

U1001

PAM1001

L7005

L7011

U7011

L7010

L7013

L7011

U2005

PAM1001

PAM1001

U1001

PAM1001

L7005

L7011

U7011

L7010

L7013

L7011

U2005

PAM1001

PAM1001

U1001

PAM1001

L7005

L7011

U7011

L7010

L7013

L7011

U2005

PAM1001

PAM1001

U1001

PAM1001

L7005

L7011

U7011

L7010

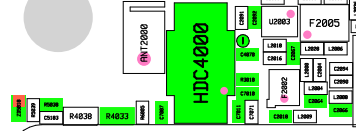
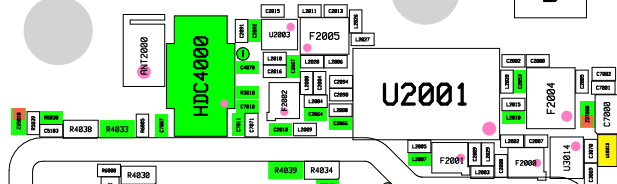
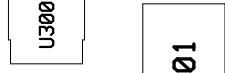
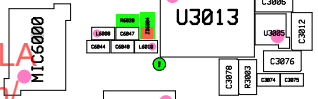
L7013

L7011

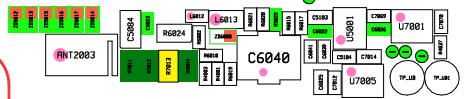
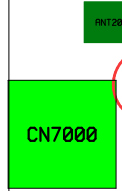
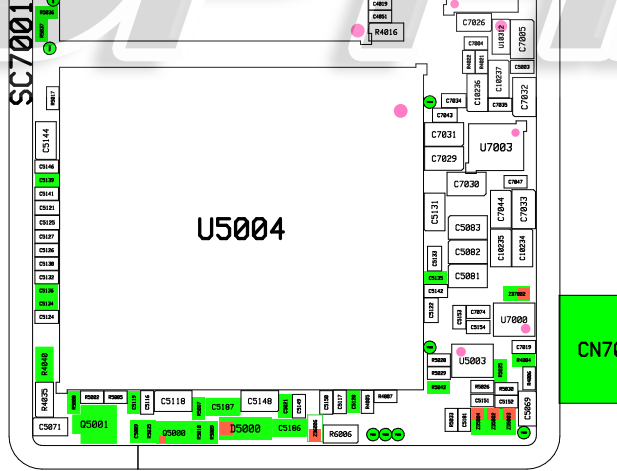
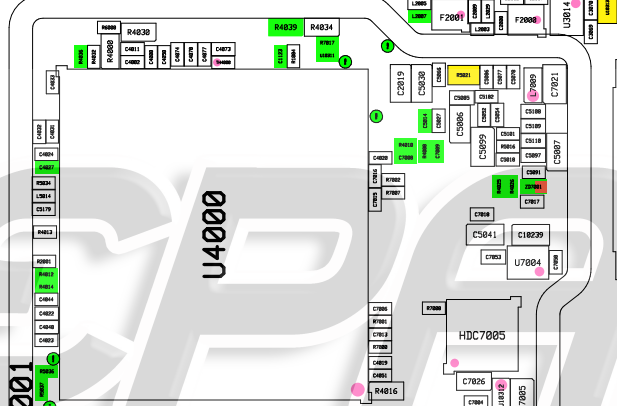
<https://www.youtube.com/@anibalgarciaoivera>

SM-A315G_SEA

ANIBAL GARCIA VENEZUELA
<https://irepairvenezuela.com/>
[@irepair_ve](https://www.instagram.com/irepair_ve)



CD5000



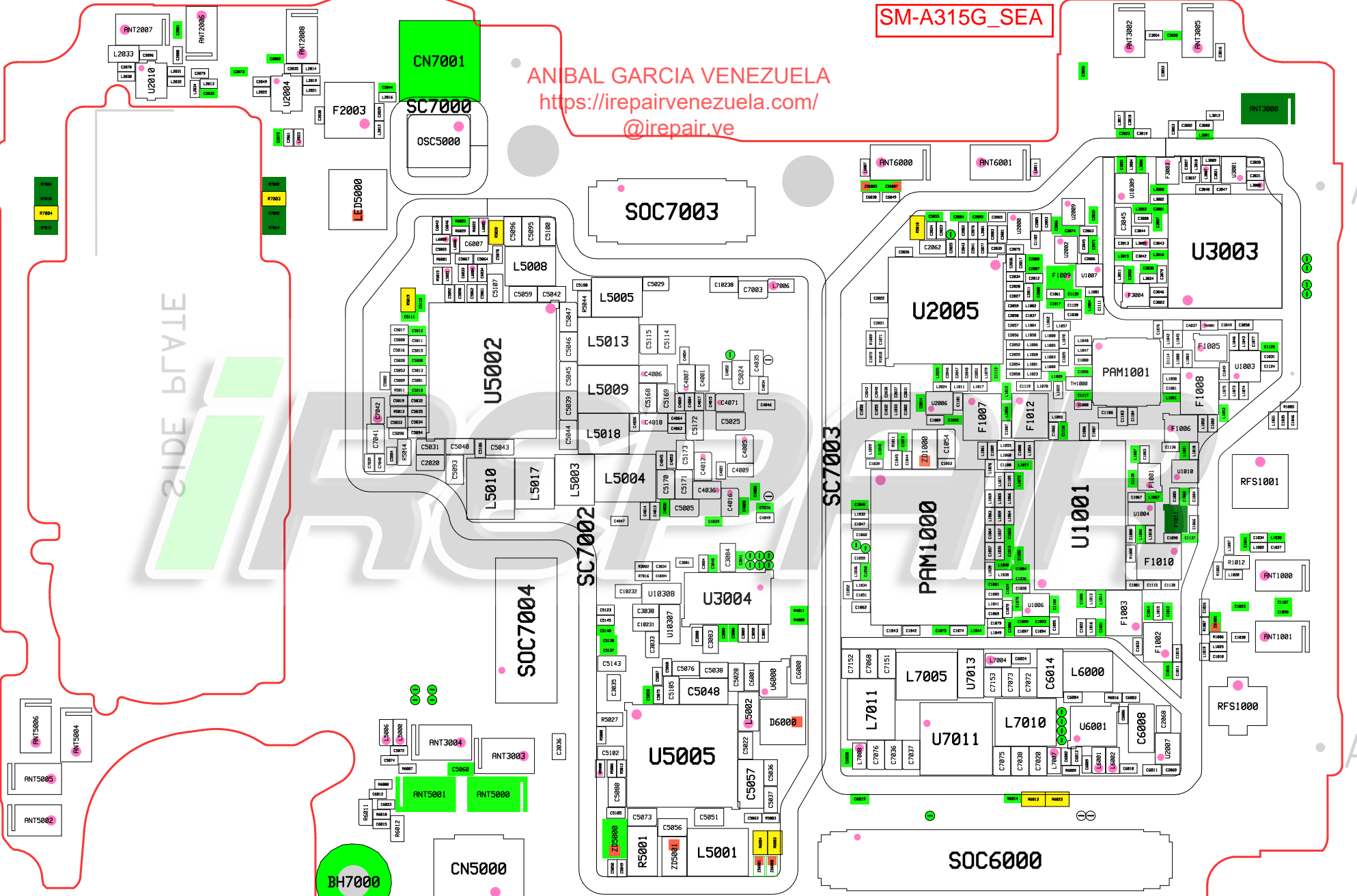
SIDE PLATE

<https://www.youtube.com/channel/UC.../anibalgarciaolivera>

SM-A315G_SEA

ANIBAL GARCIA VENEZUELA
<https://irepairvenezuela.com/>
[@irepair_ve](https://www.instagram.com/irepair_ve)

SIDE B7ALE



<https://www.youtube.com/anibalgarciaolivera>

SM-A315G_LA

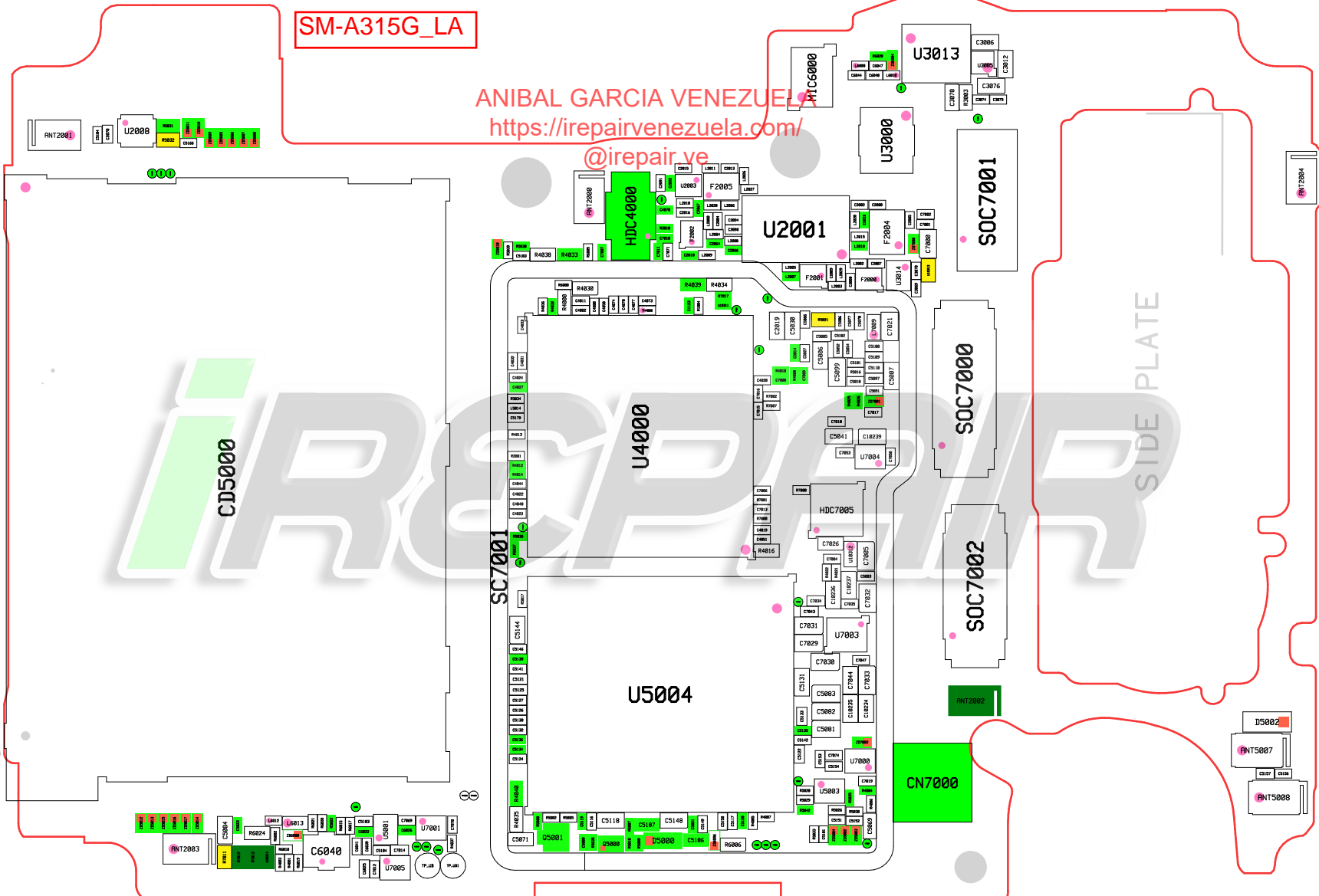
ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair_ve

A

A



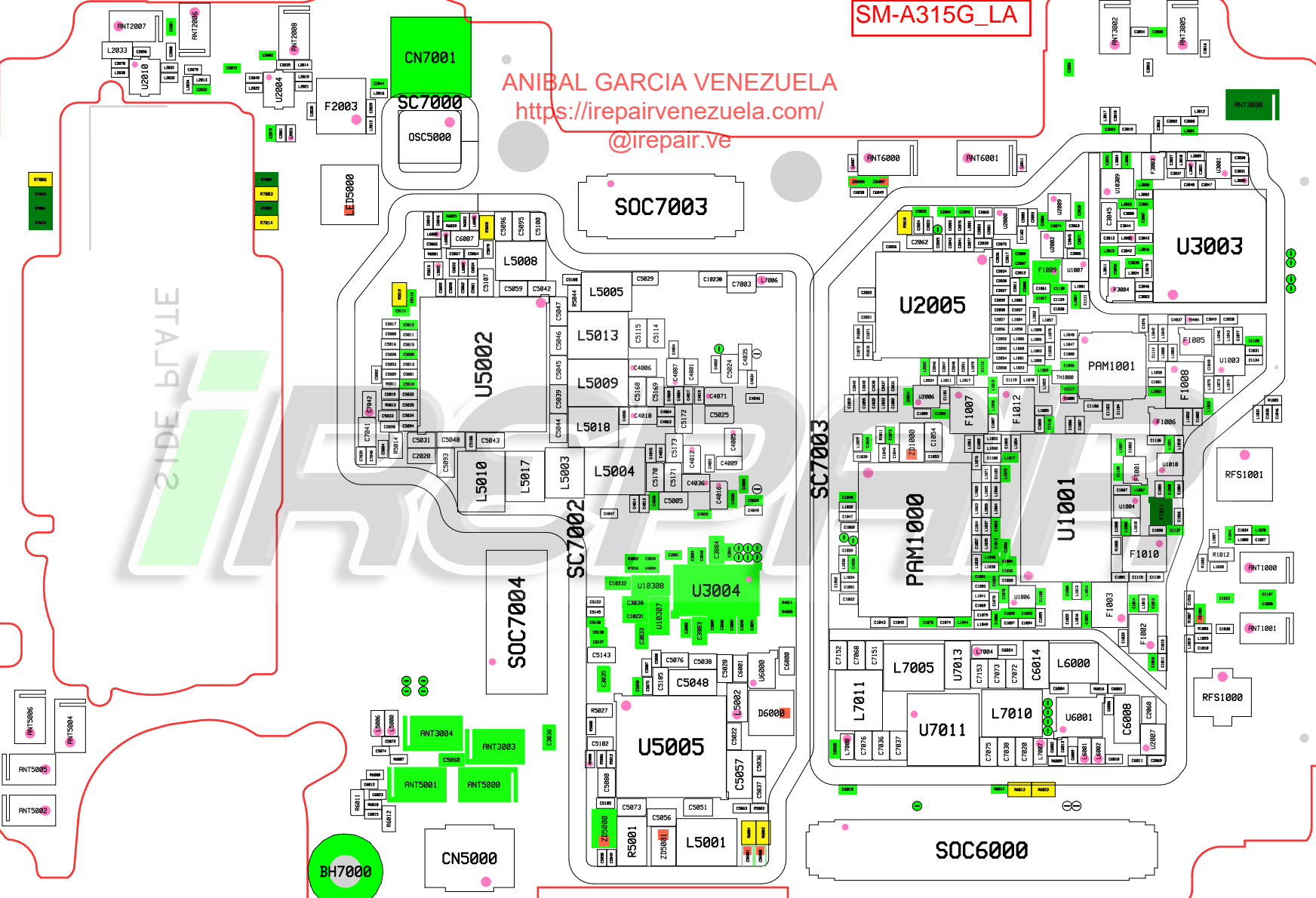
<https://www.youtube.com/anibalgarciaolivera>

VIDEO ID: G9D

SM-A315G_LA

ANIBAL GARCIA VENEZUELA
<https://irepairvenezuela.com/>
[@irepair.v](https://www.youtube.com/anibalgarciaolivera)

SIDE B GATE



BH7000

<https://www.youtube.com/anibalgarciaolivera>

8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-3. Flow chart of Troubleshooting.

	
<p>Oscilloscope</p>	<p>Digital Multimeter</p>
	
<p>Power Supply</p>	<p>+ driver, ESD Safe Tweezer</p>
	
<p>8960 & Spectrum Analyzer</p>	<p>Soldering iron</p>

Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

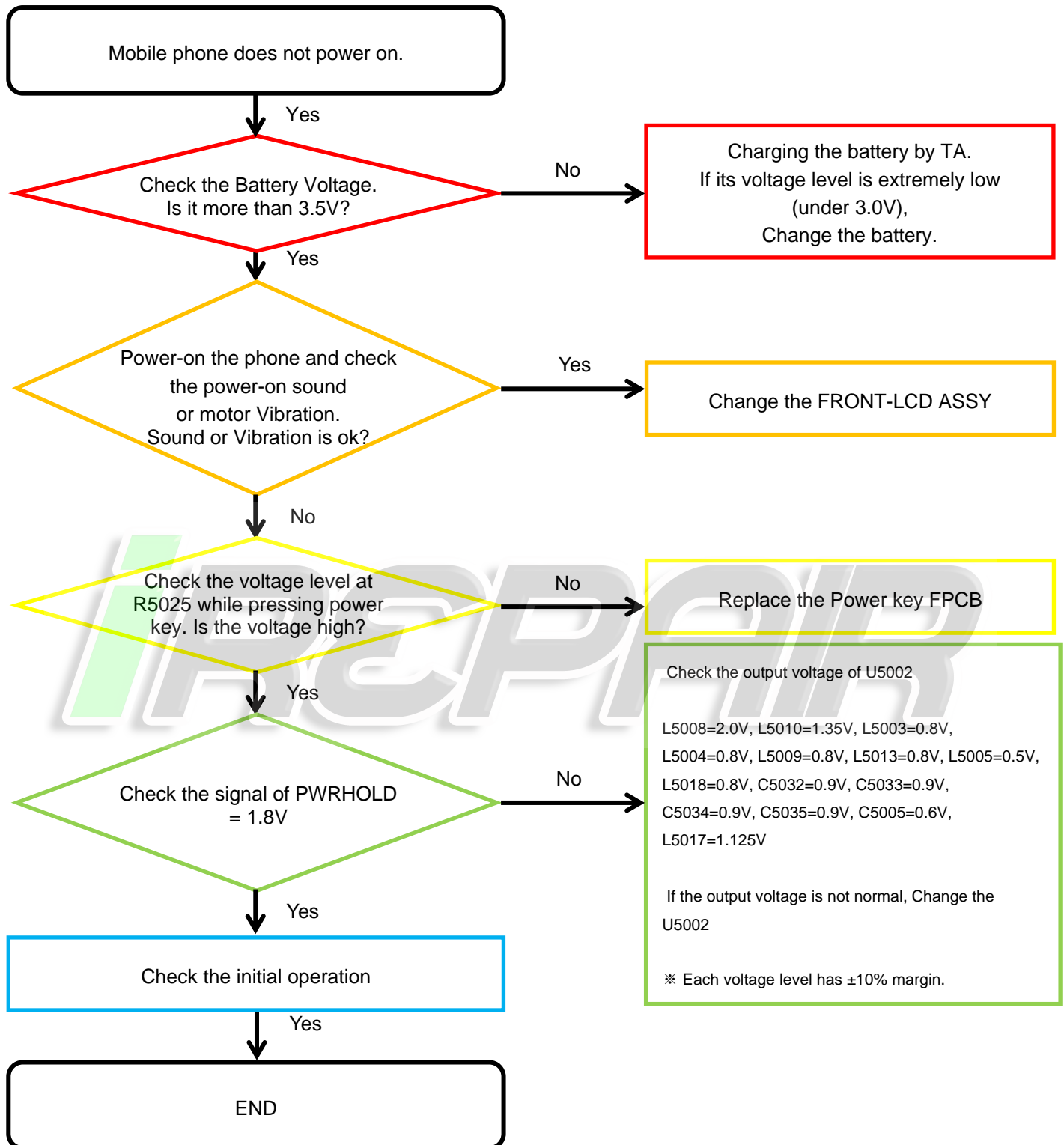
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-1. Power On



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

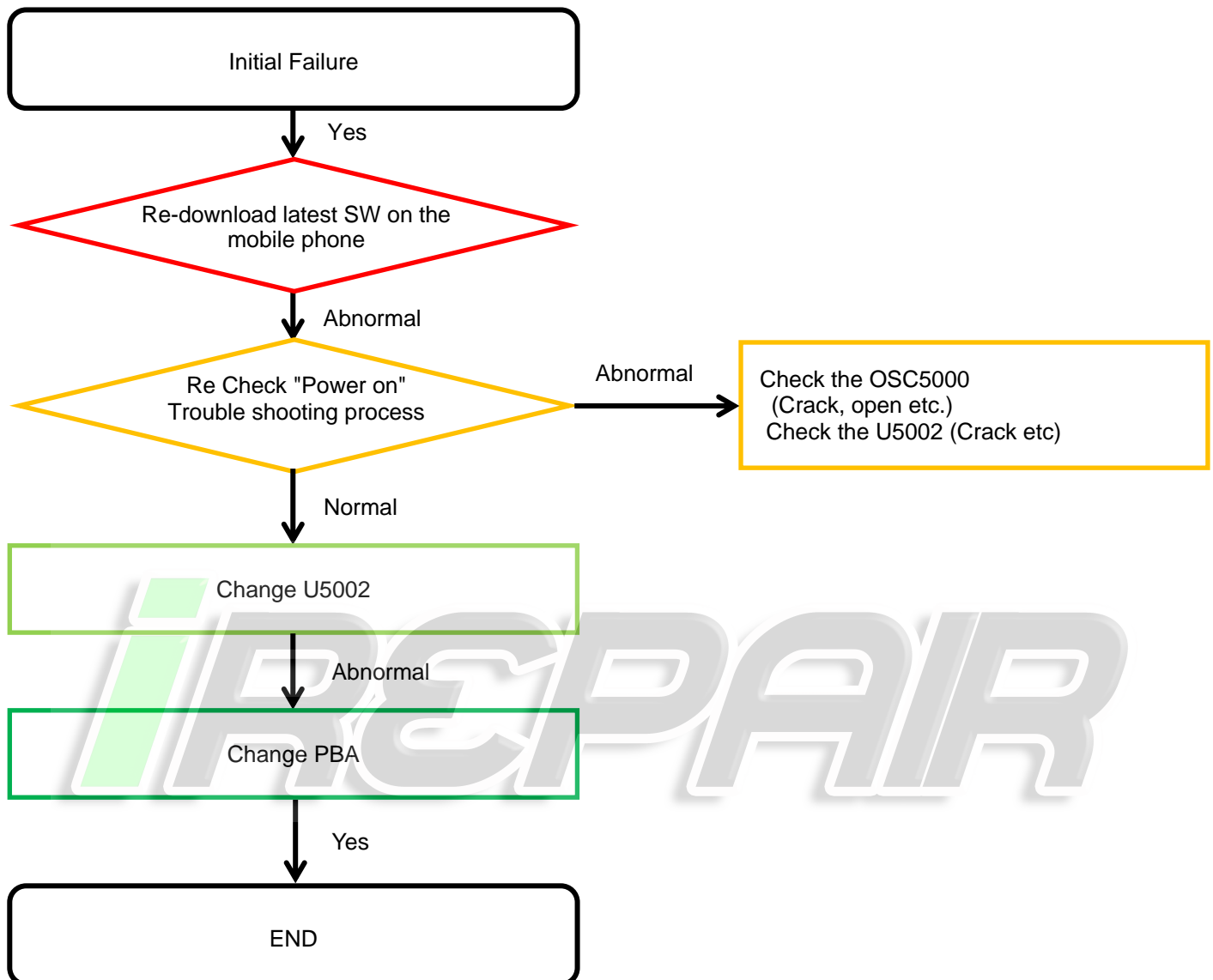
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-2. Initial



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

<https://www.youtube.com/anibalgarciaolivera>

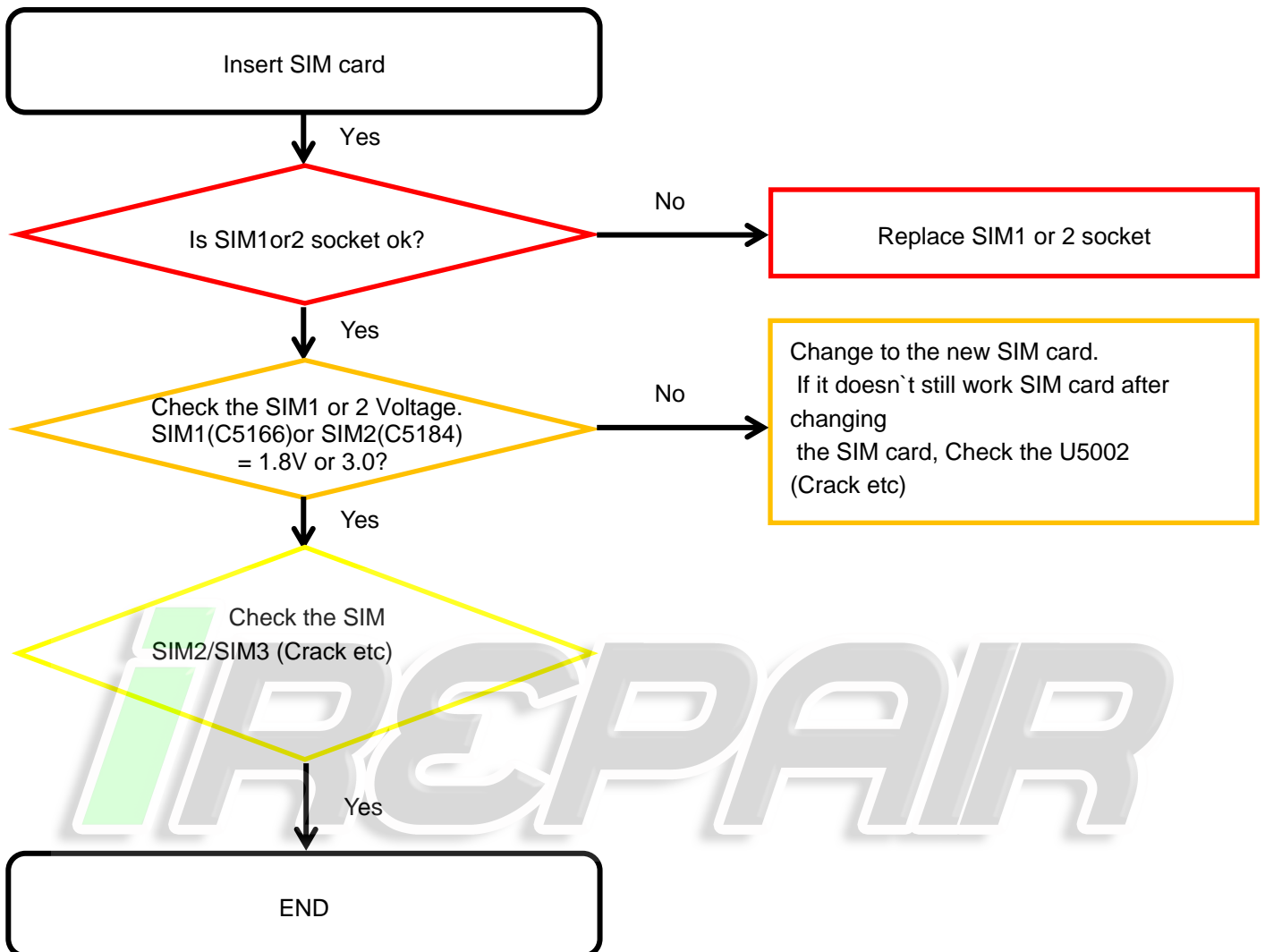
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-3. SIM Part



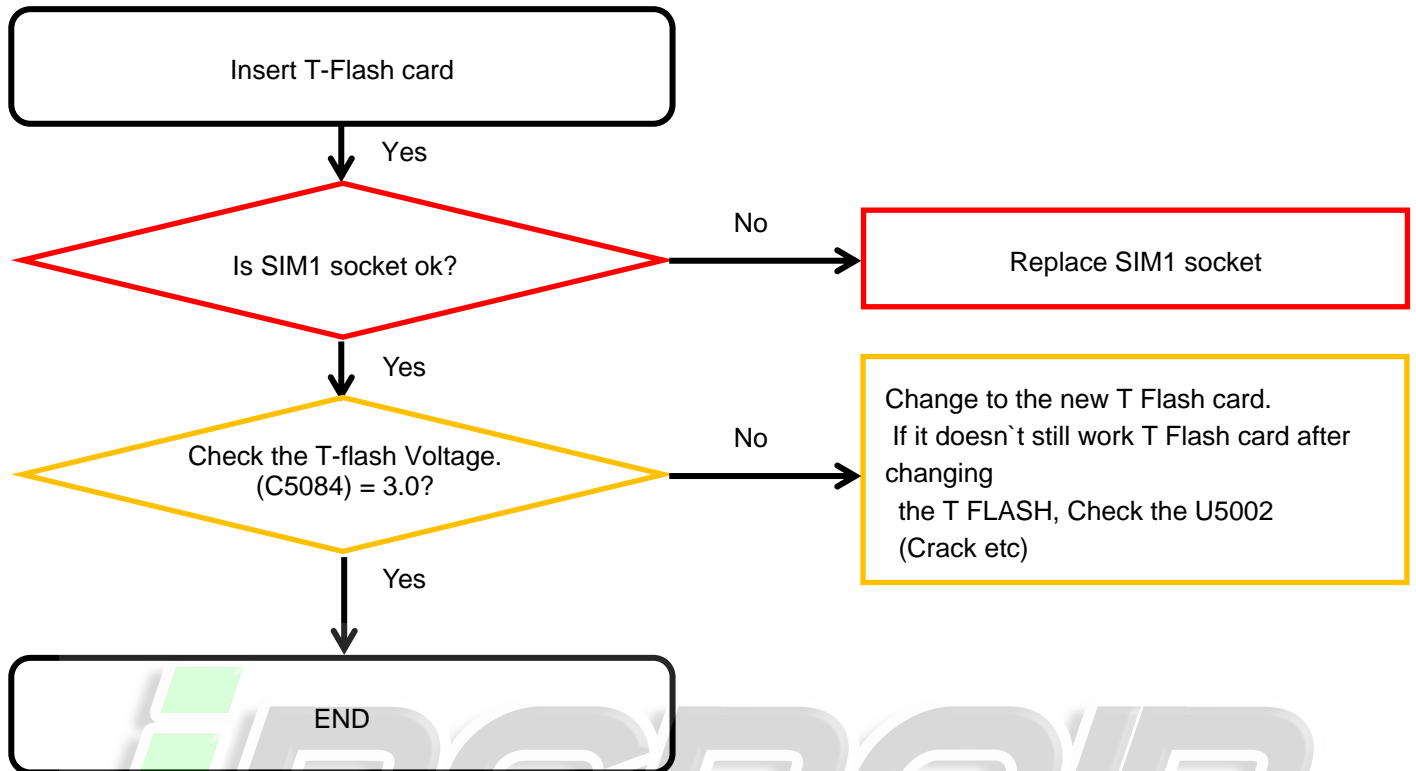
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-4. T-Flash Part



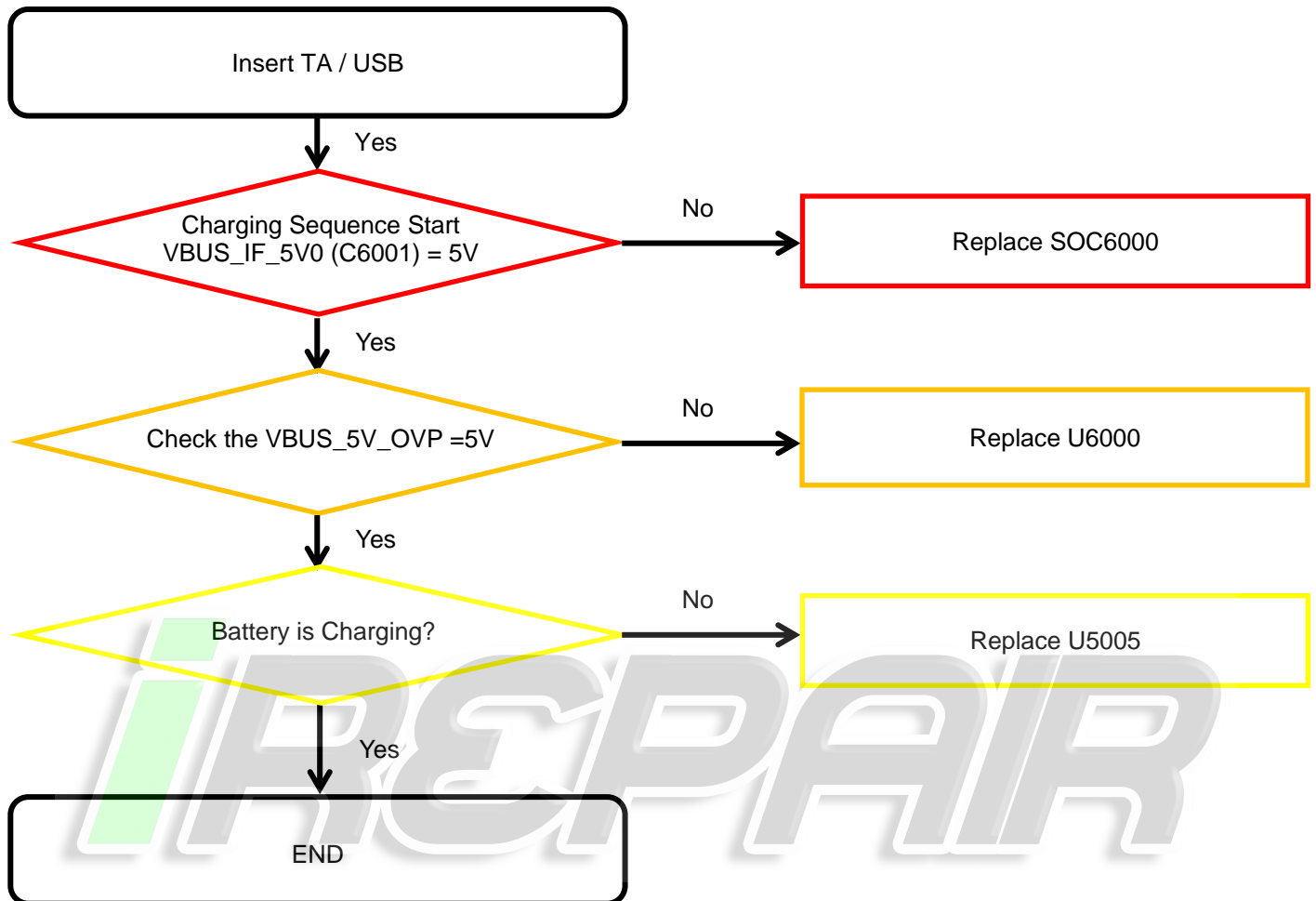
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-5. Charging Part



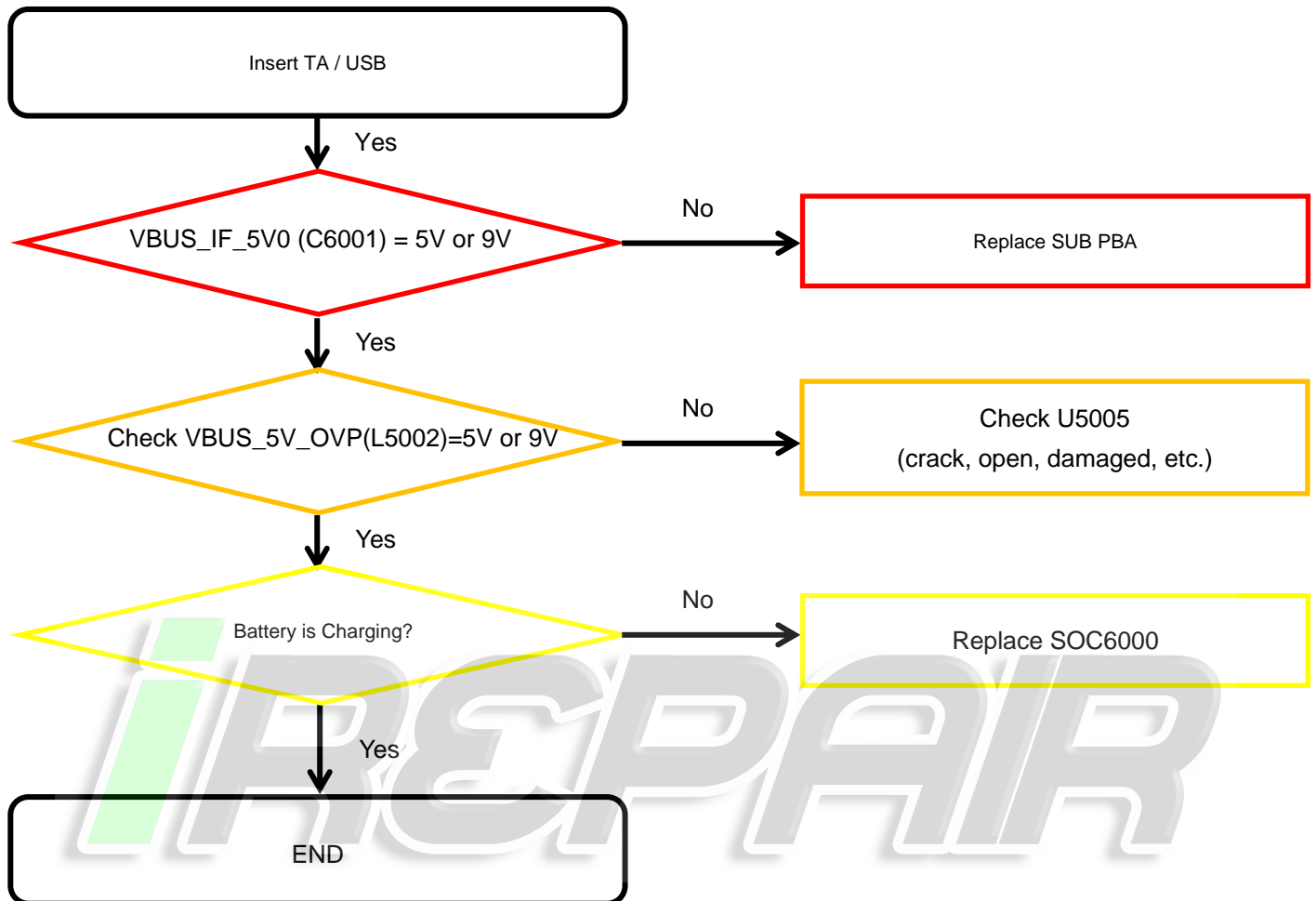
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-6. Cable Charging Part



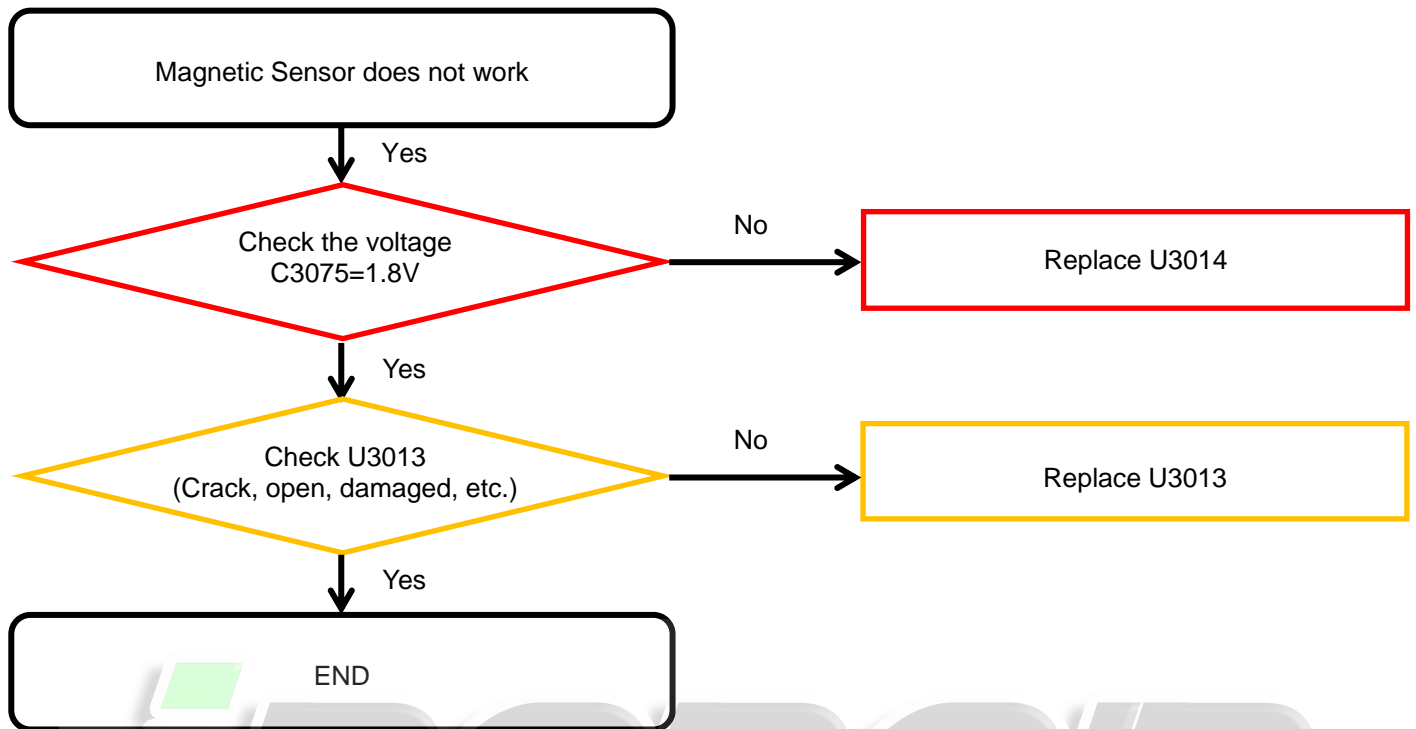
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-7. Accel Sensor



IREPAIR

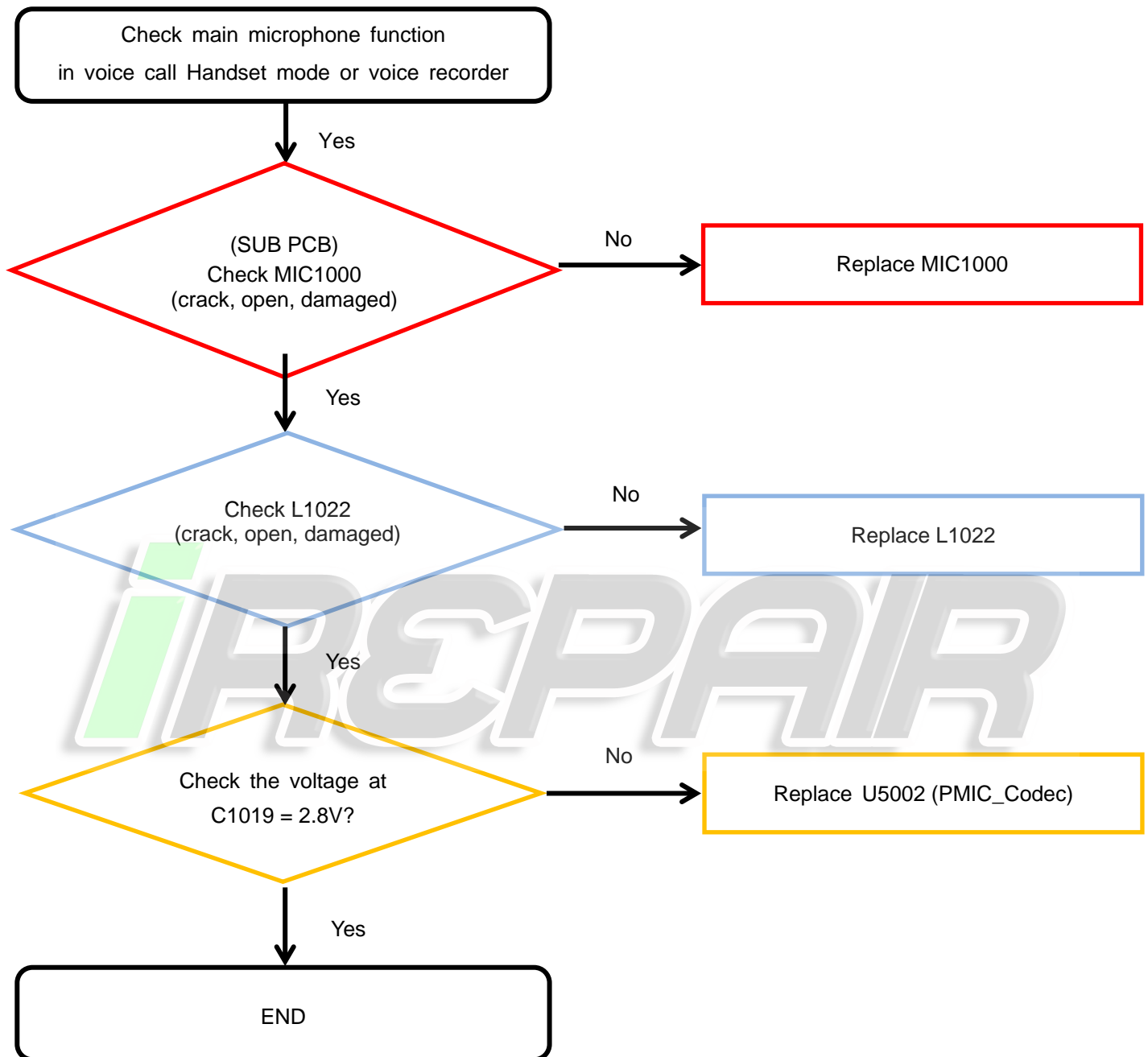
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-8. Microphone Part - Main MIC



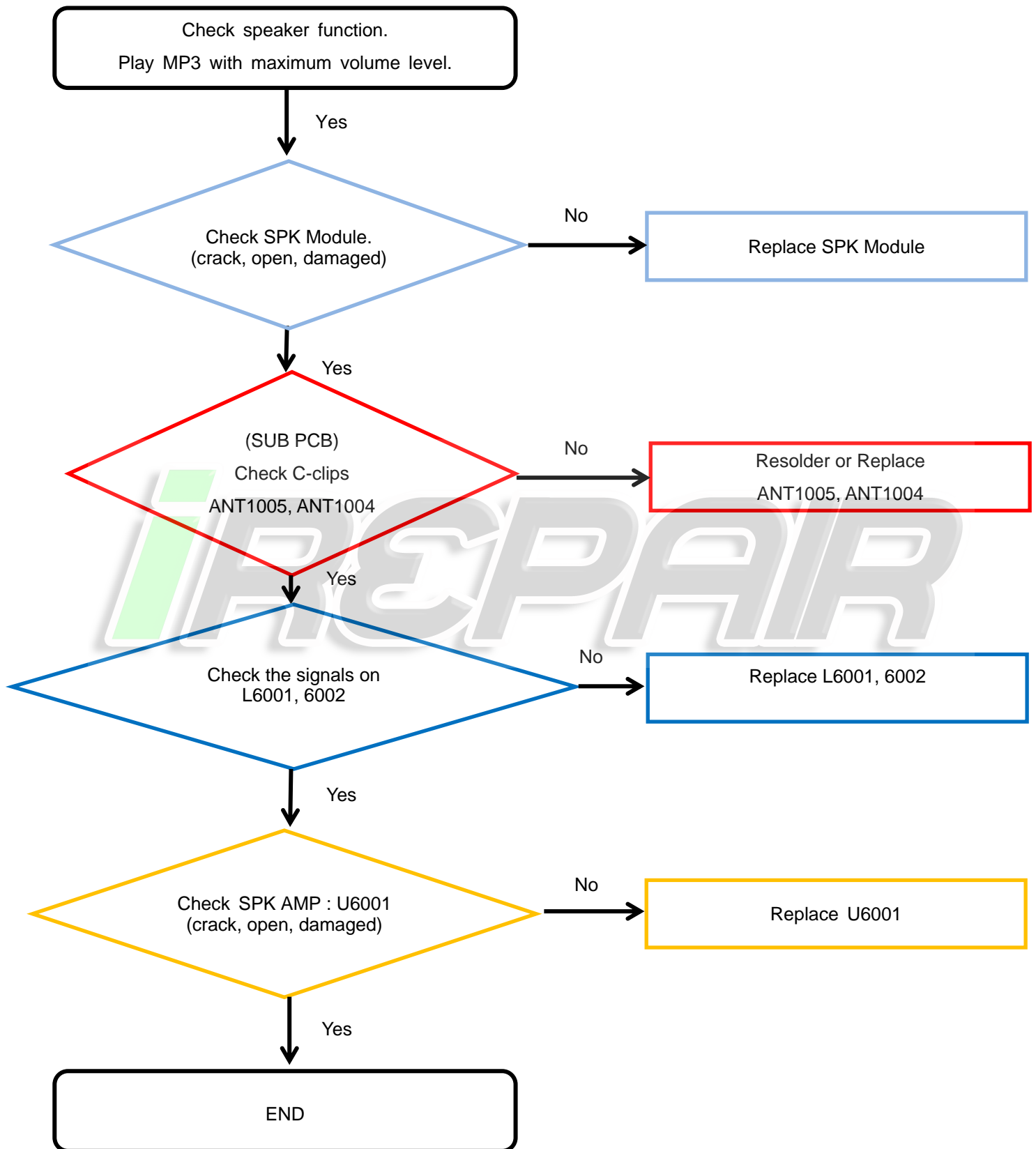
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-9. Speaker Part



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

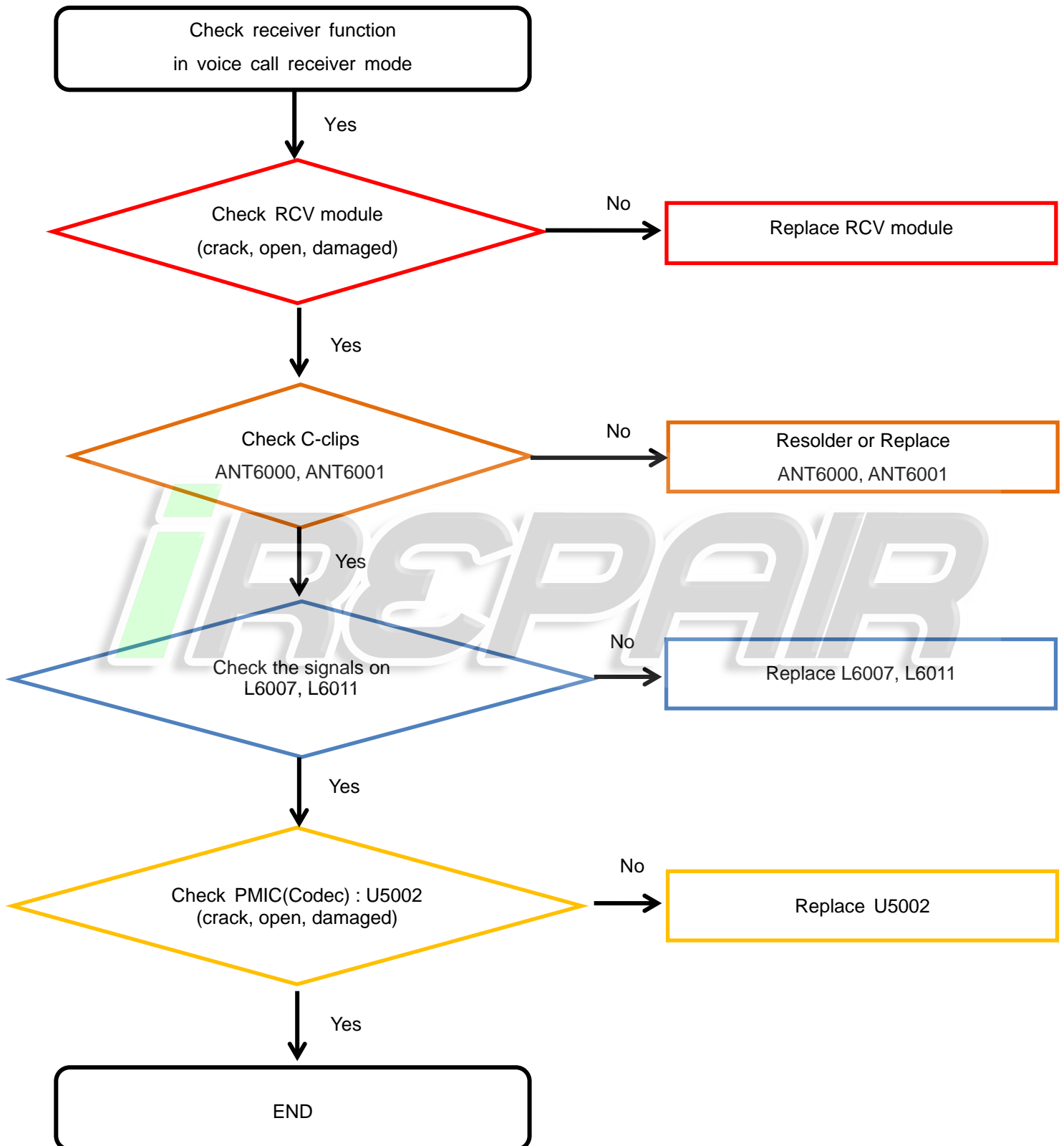
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-10. Receiver Part



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

<https://www.youtube.com/anibalgarciaolivera>

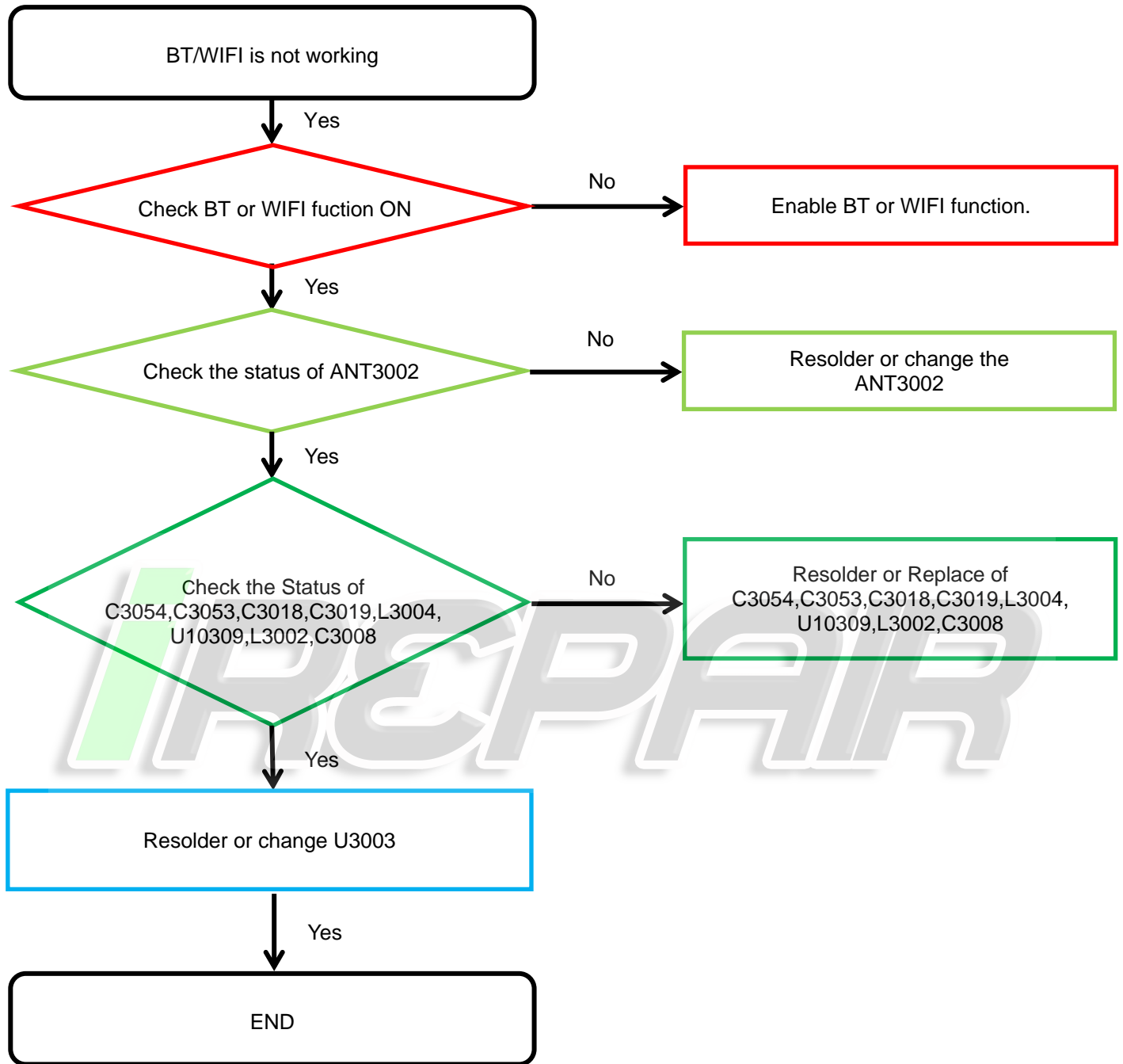
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-11. BT/WIFI



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

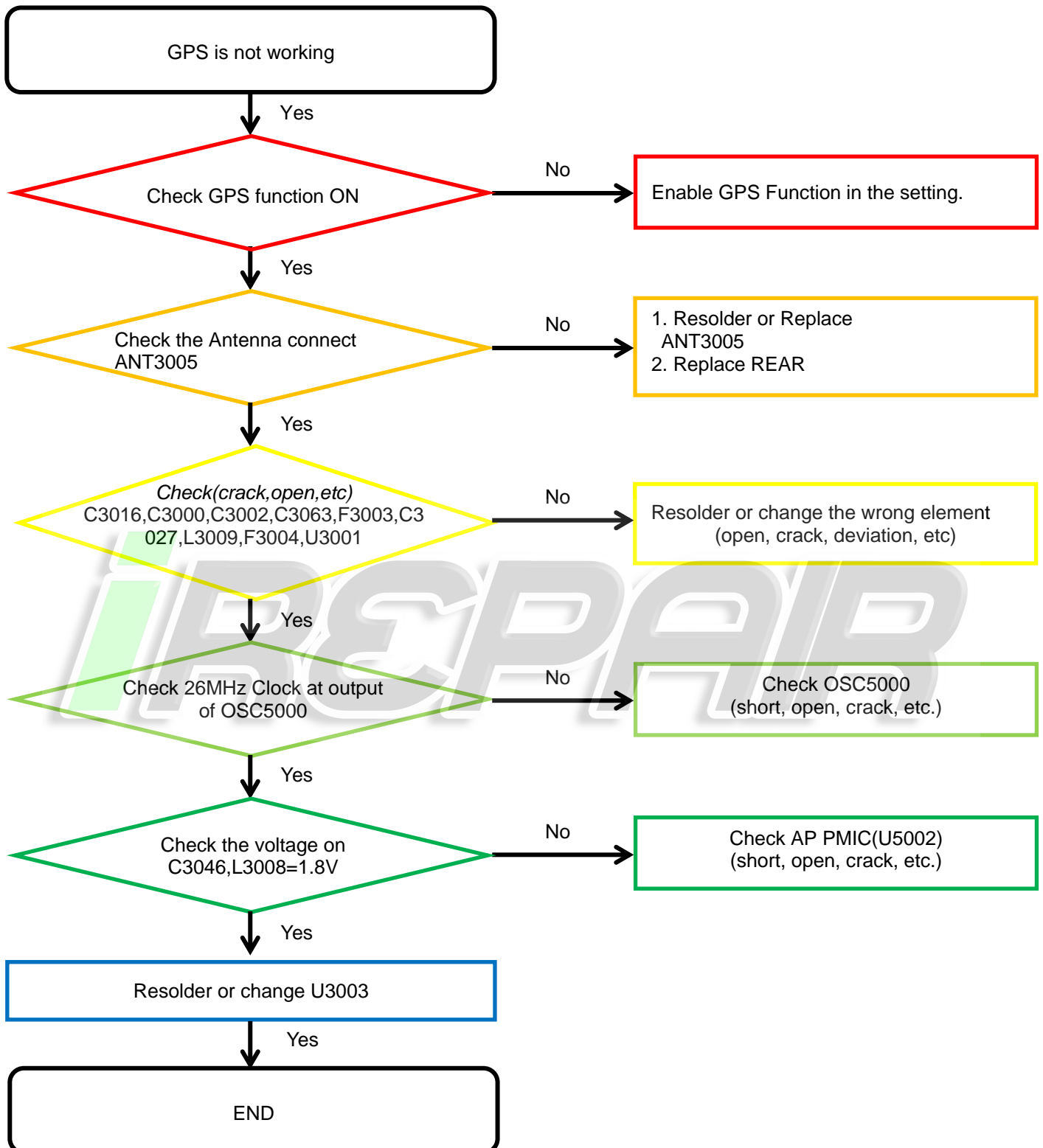
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-12. GPS



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

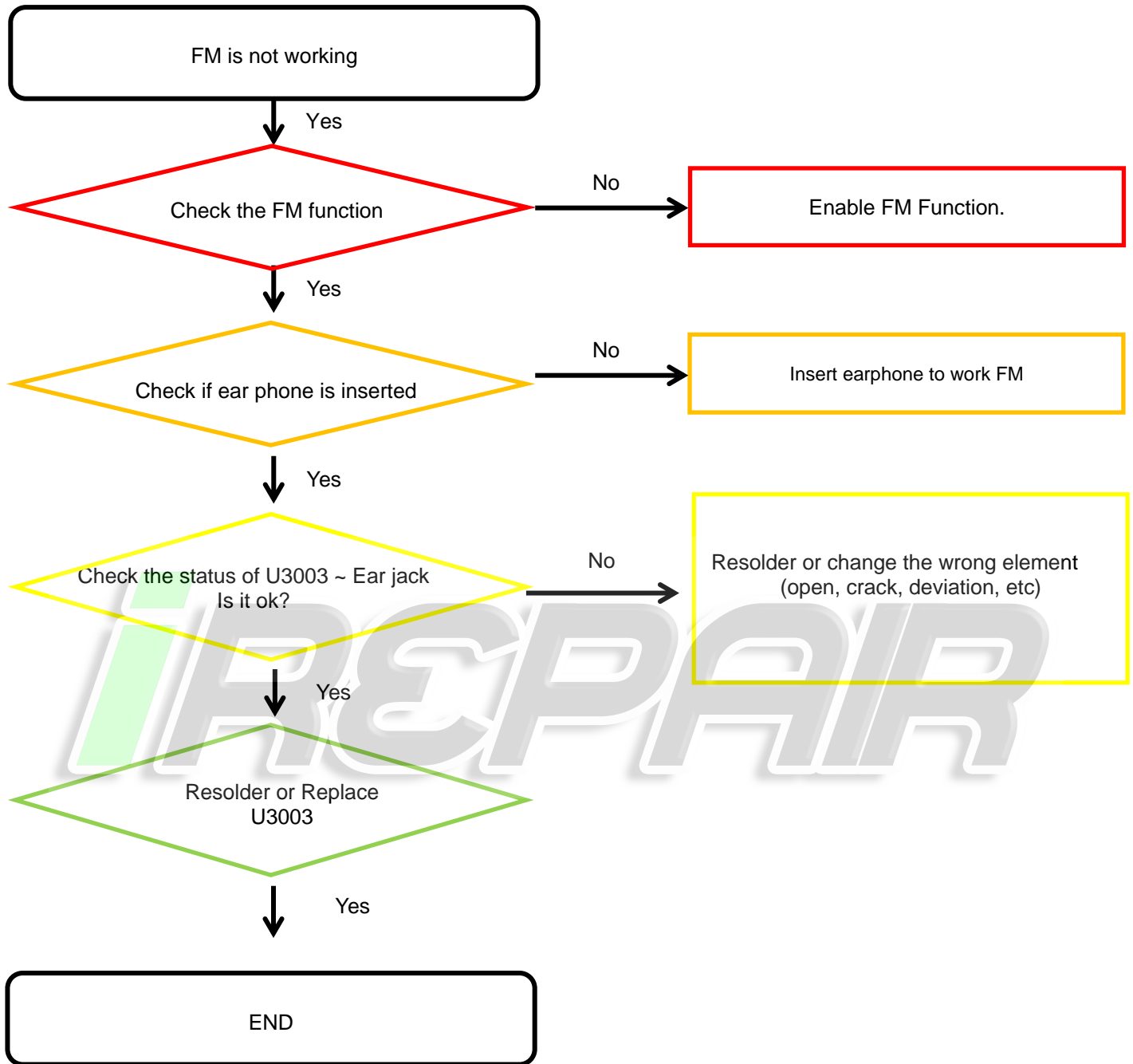
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-13. FM radio part



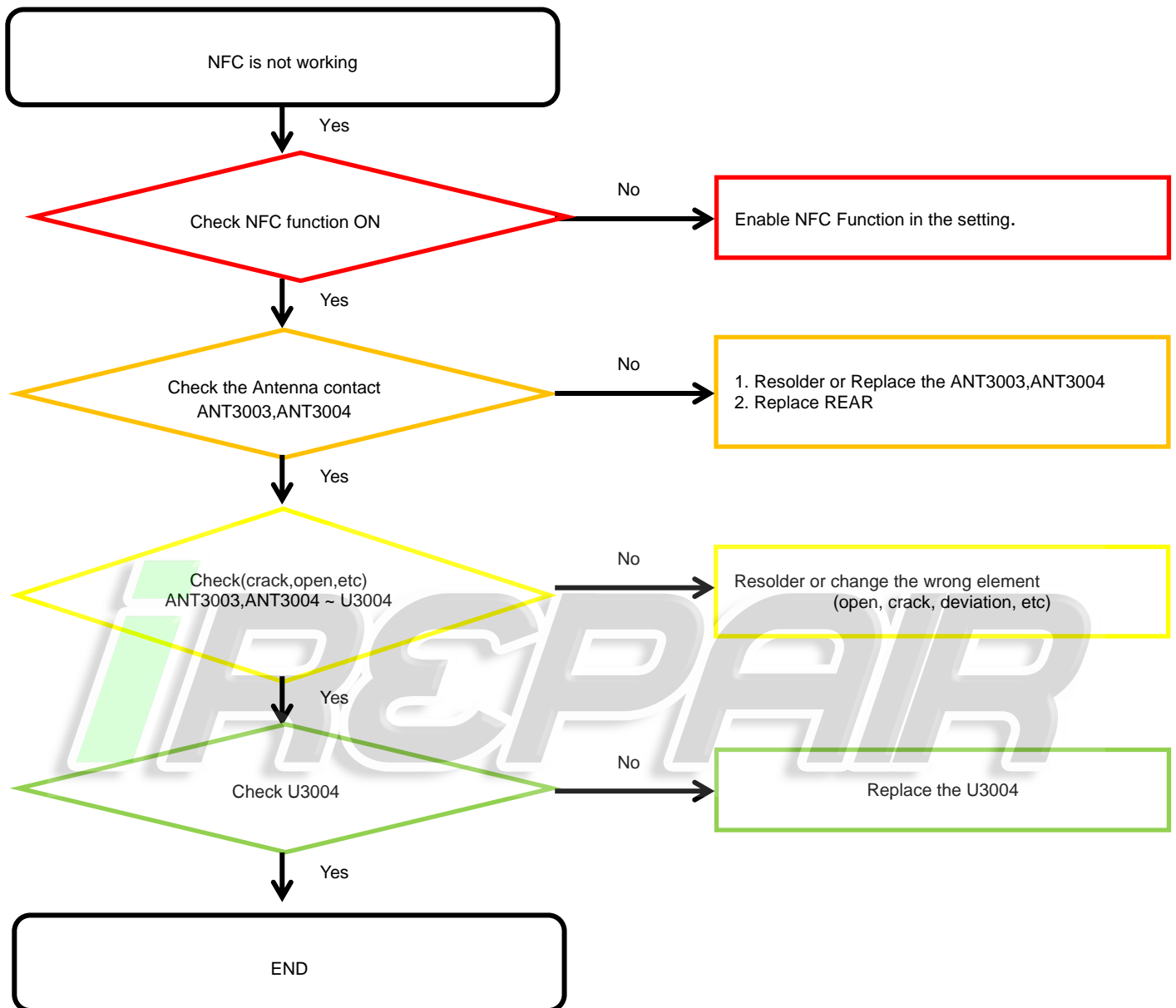
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-14. NFC



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

<https://www.youtube.com/anibalgarciaolivera>

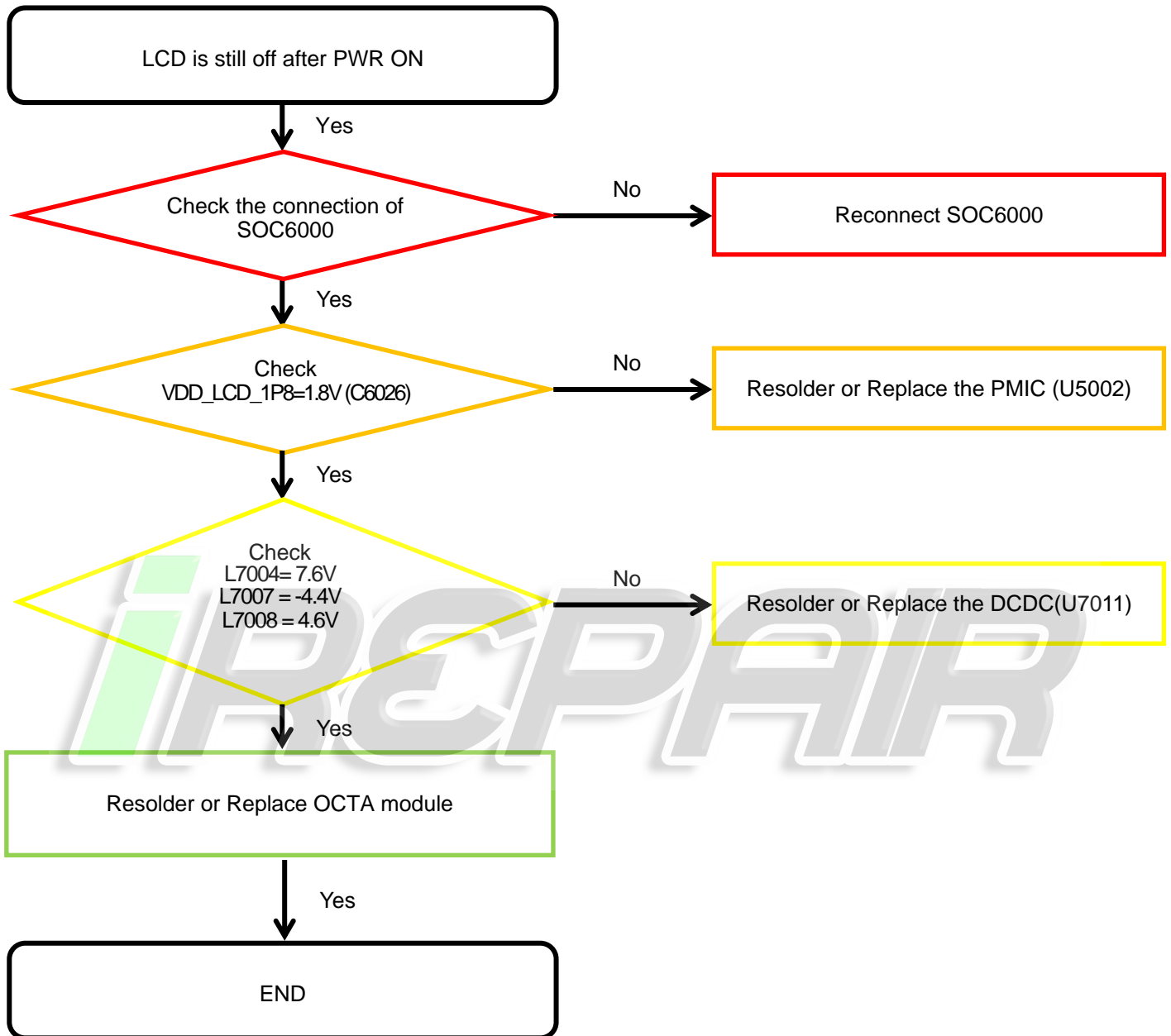
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-15. Display



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

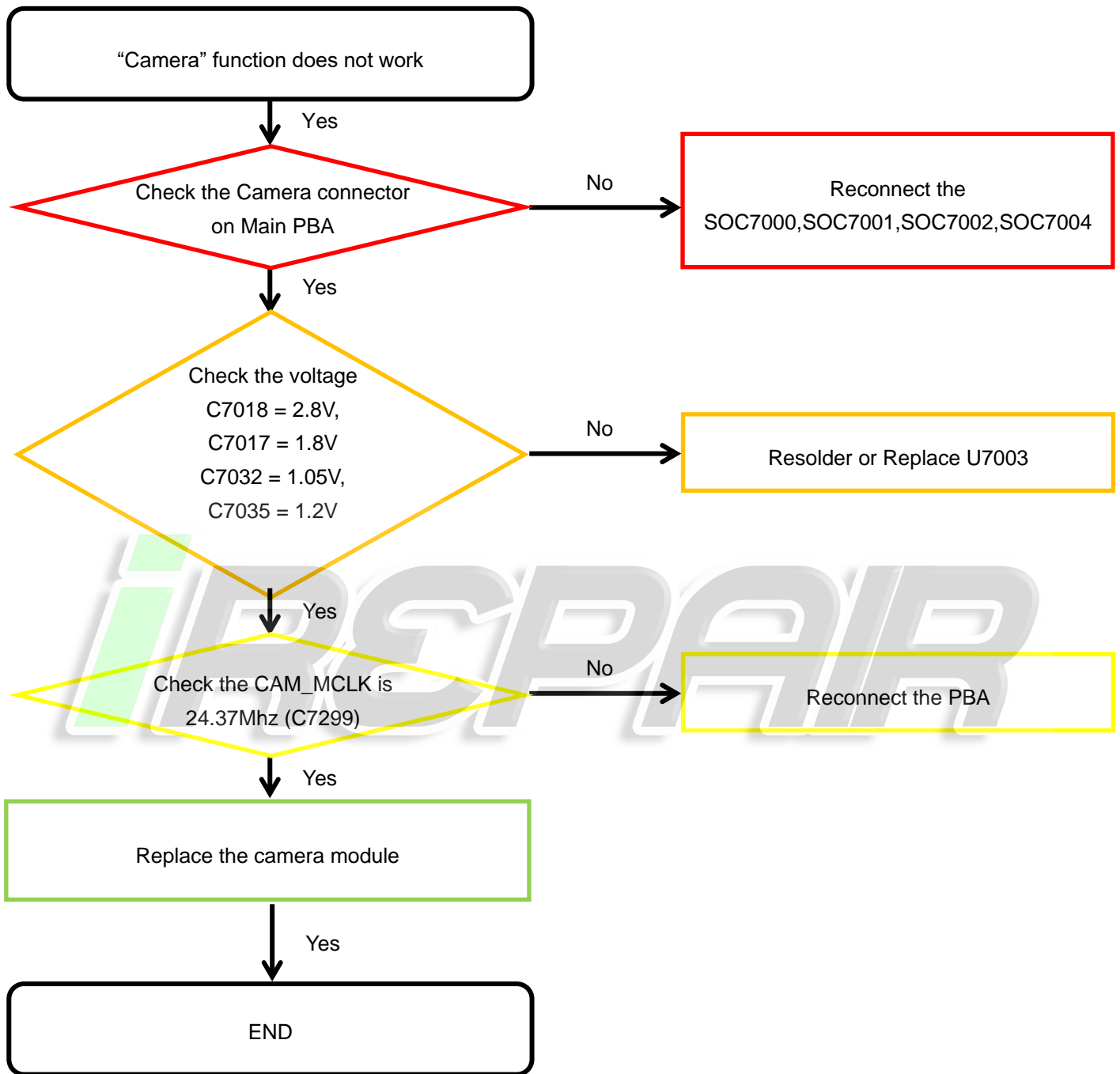
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-16. Rear CAMERA



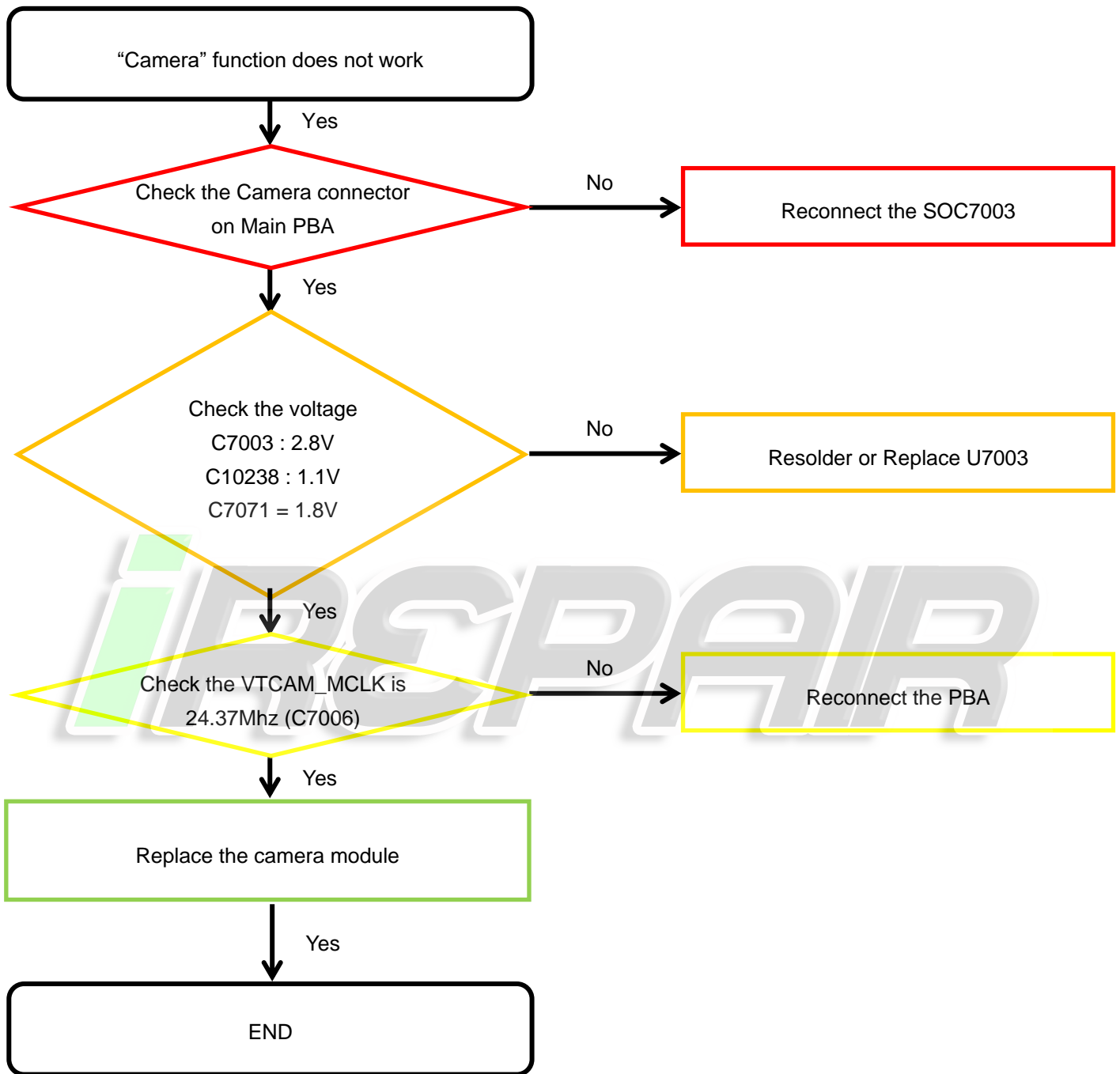
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-17. Front CAMERA



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

<https://www.youtube.com/anibalgarciaolivera>

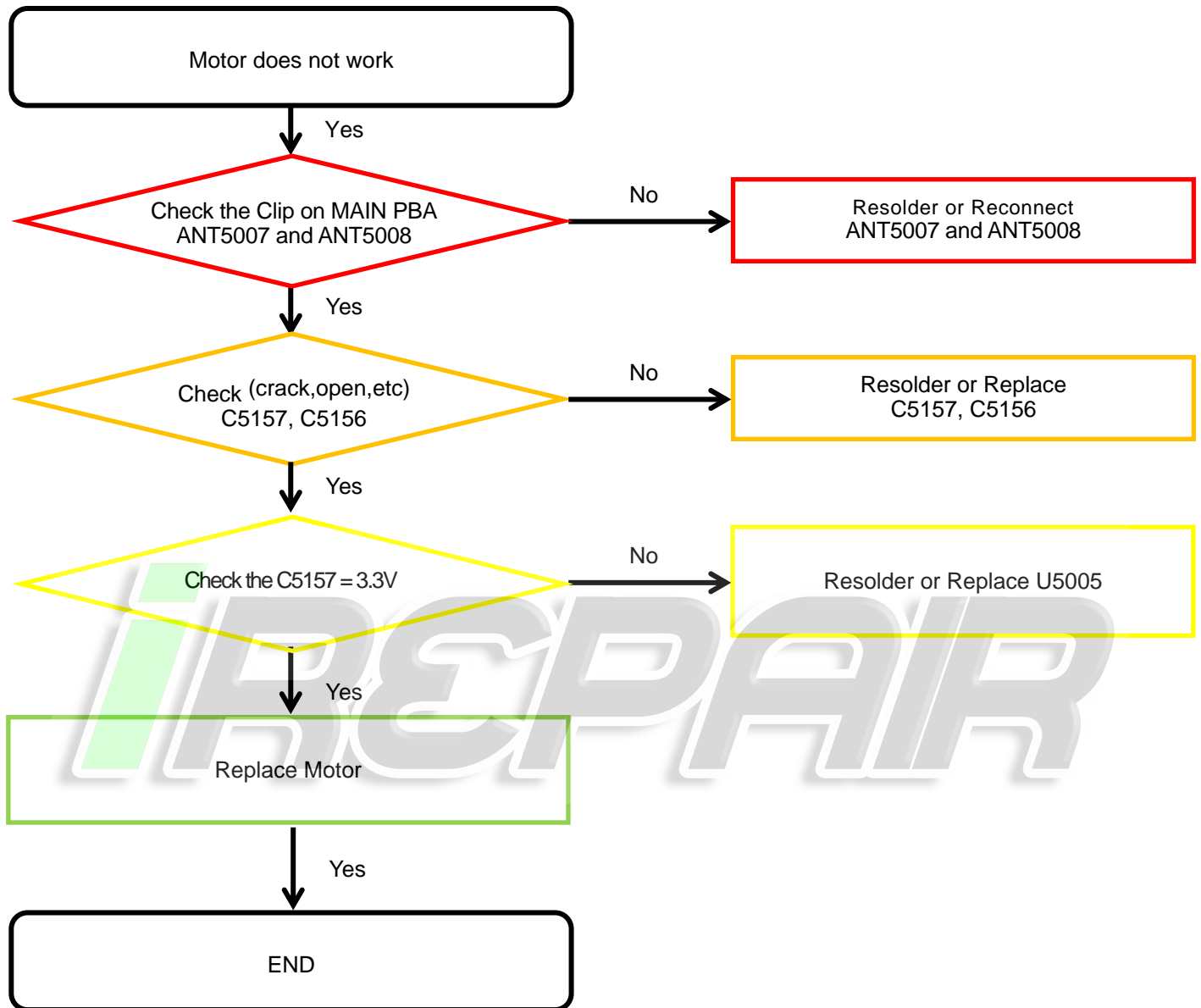
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-18. Motor



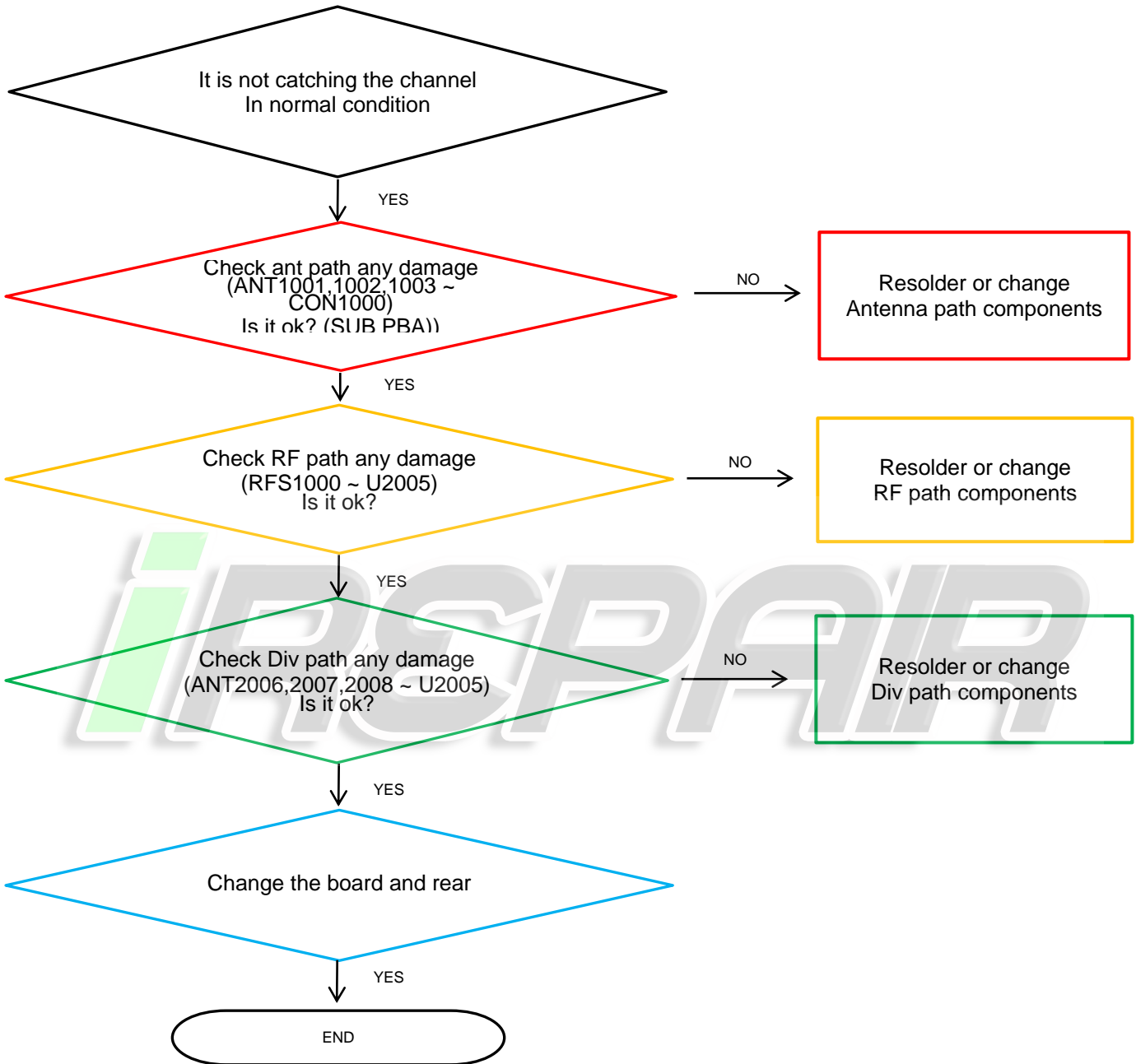
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-19. GSM/WCDMA/LTE1,2,3,4,5,8,12,13,17,20,28,66



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

<https://www.youtube.com/anibalgarciaolivera>

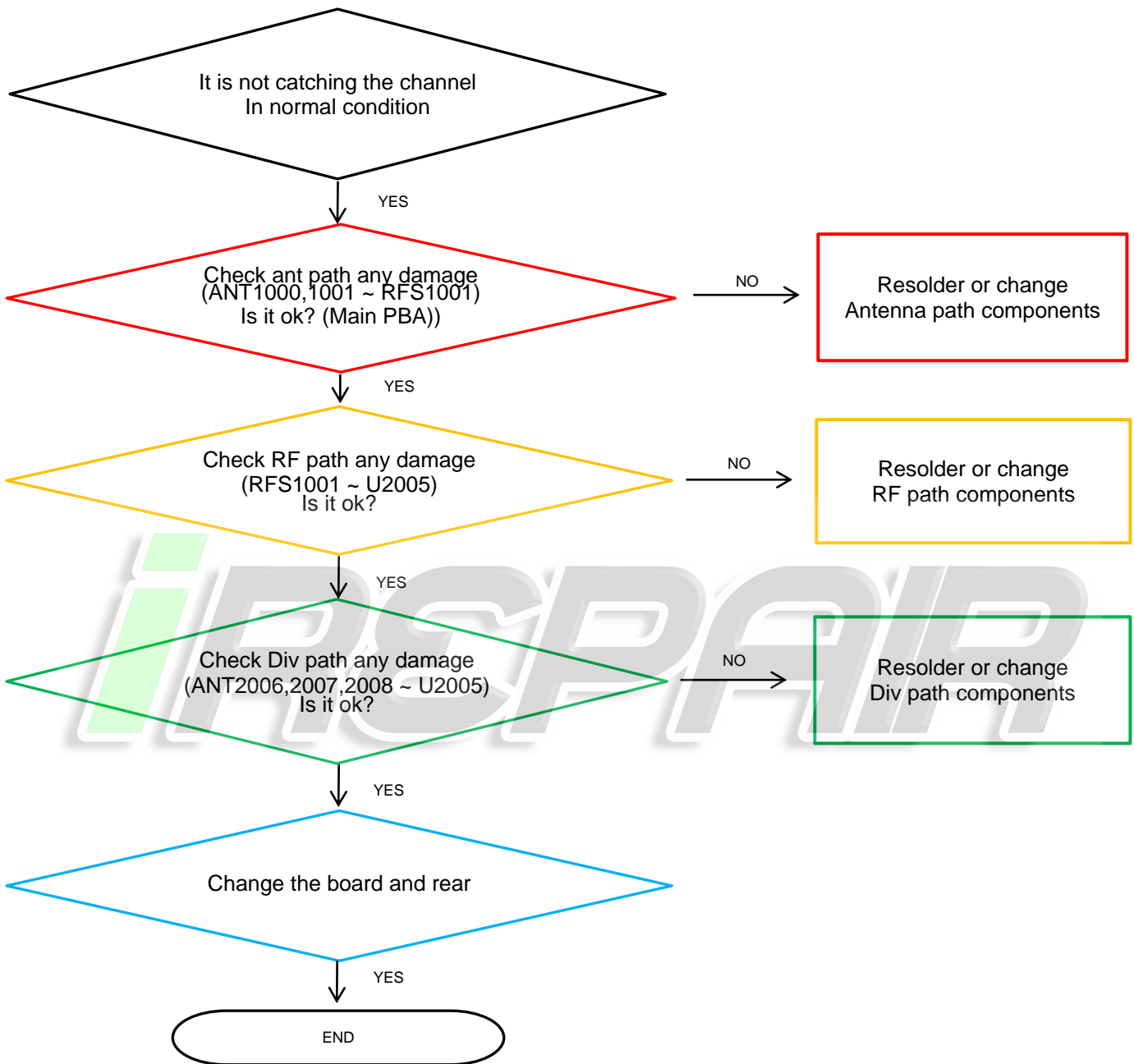
8. Level 3 Repair

ANIBAL GARCIA VENEZUELA

<https://irepairvenezuela.com/>

@irepair.ve

8-4-20. LTE7,38,40,41



Confidential and proprietary-the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

<https://www.youtube.com/anibalgarciaolivera>