

[AI2 MAX Soundbar STB]

SKT NUGU Call MIC delay issue Rework Guide

ALT Confidential Document

Organization
R&D Lab. 2

Issued Date
2021.08.02

Version
1.1

Revision History

Version	Date	Description	Owner
1.0	2021/08/24	1 st Draft version	Lonnie Kim

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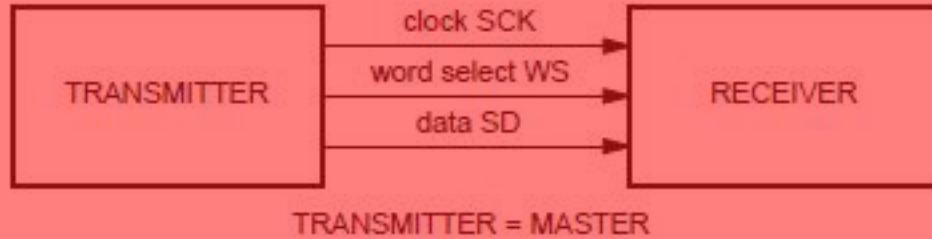
AI FFV System Architecture

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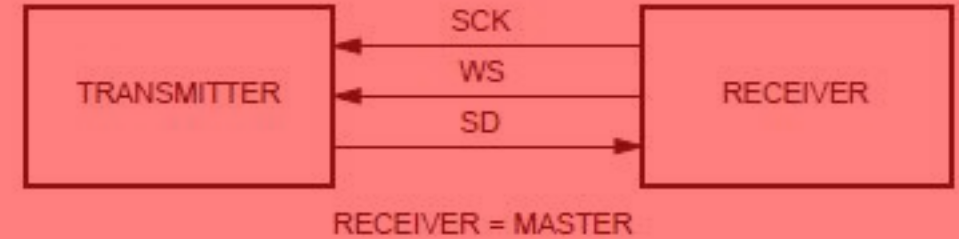
Background: I2S Construction



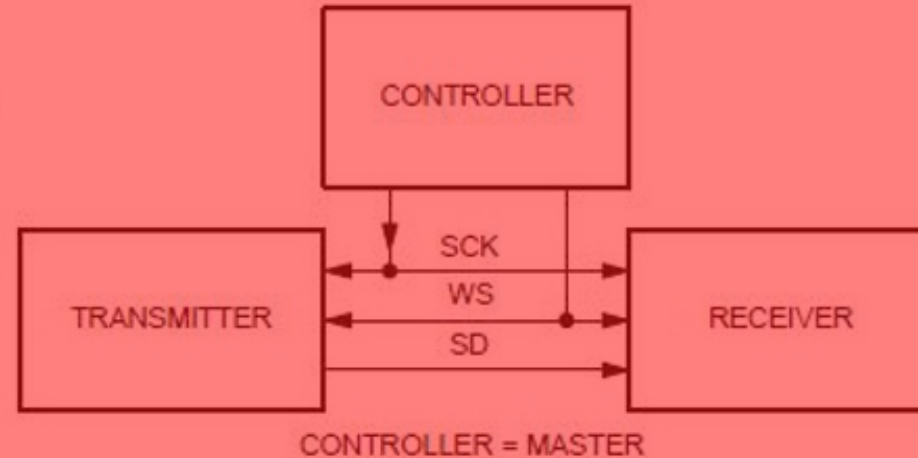
Original Design



Amlogic Requested Design



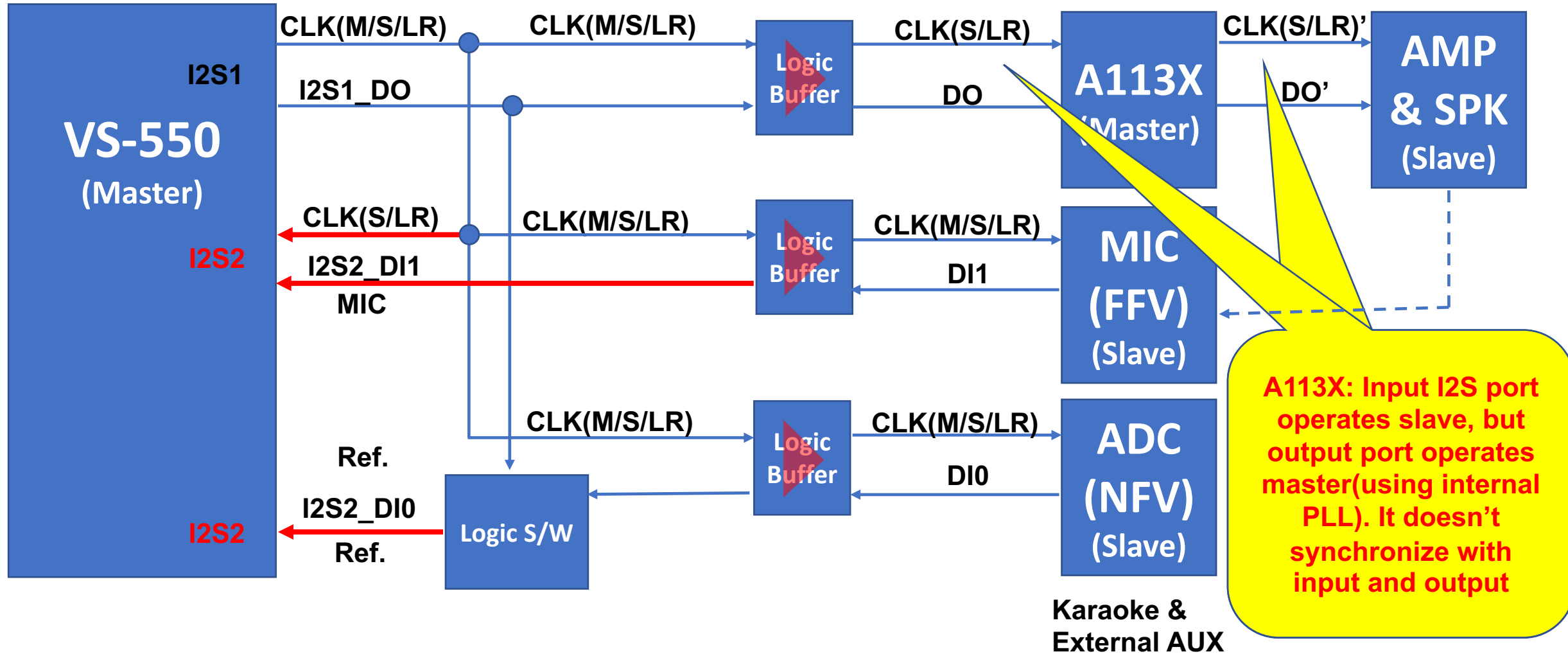
Modified Design(Final Solution)



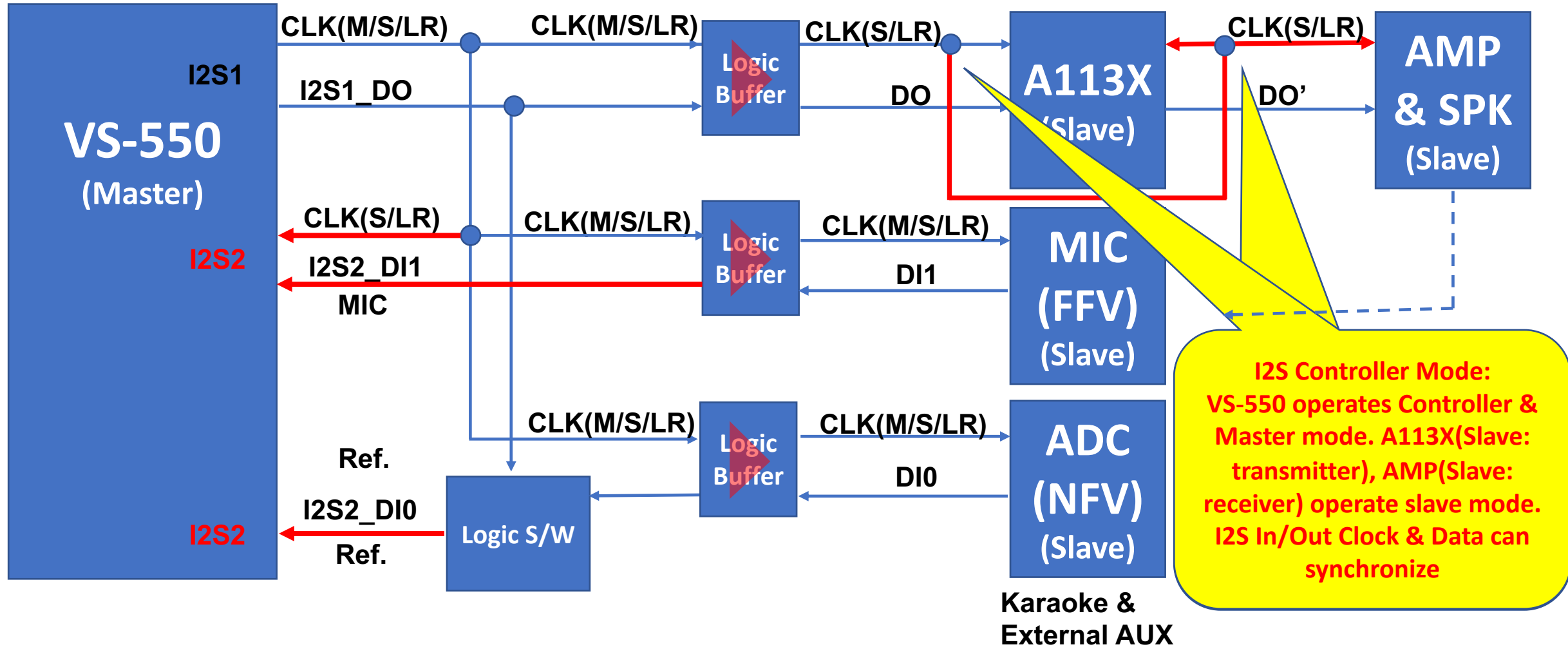
*Note

1. VS-550: Controller(Master)
2. A113X: Transmitter(Slave)
3. Amp: Receiver(Slave)

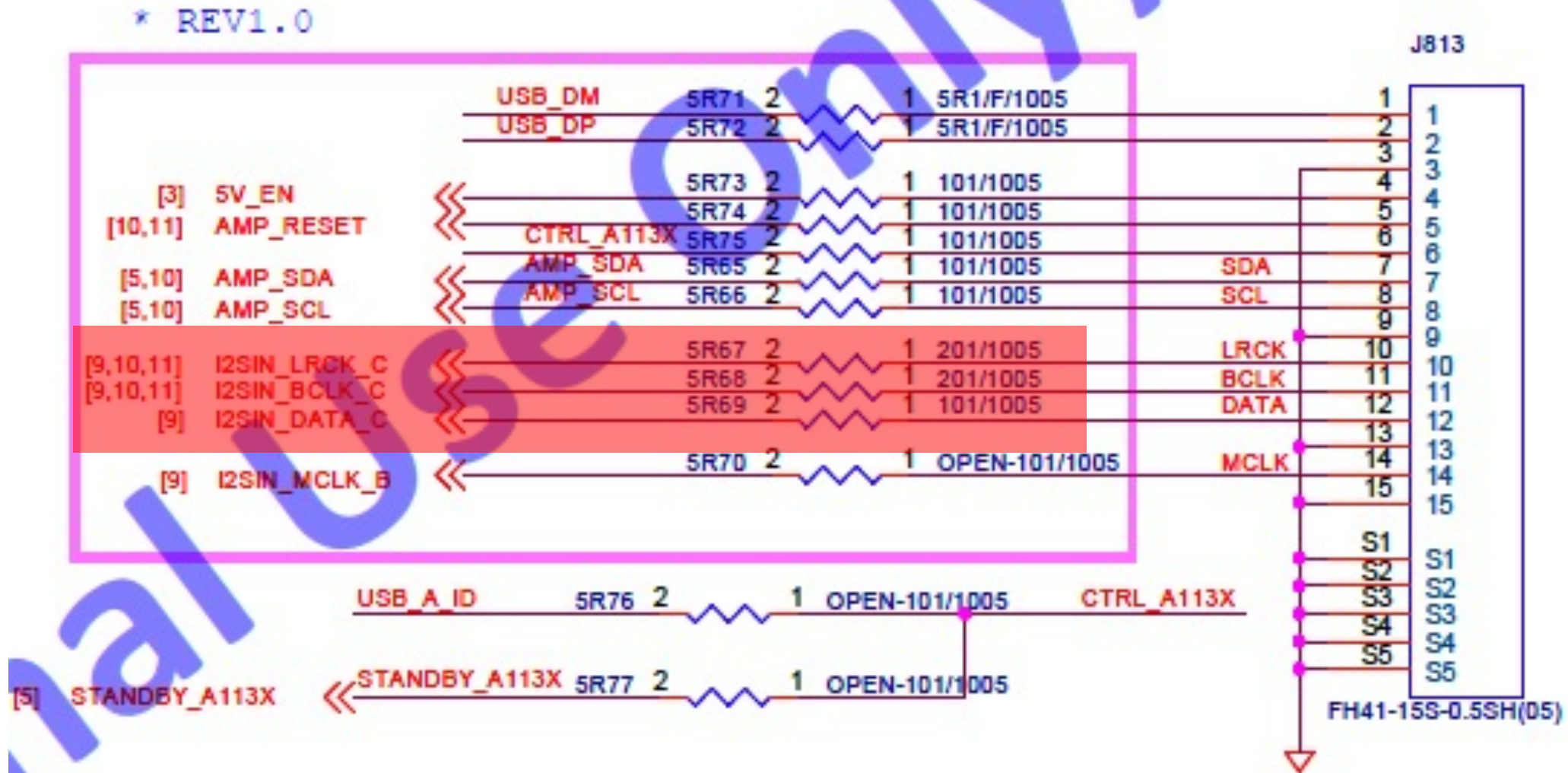
A113X Applied & Modified Block Diagram(DVT3)



A113X(Master) Applied & Modified Block Diagram – Final Solution

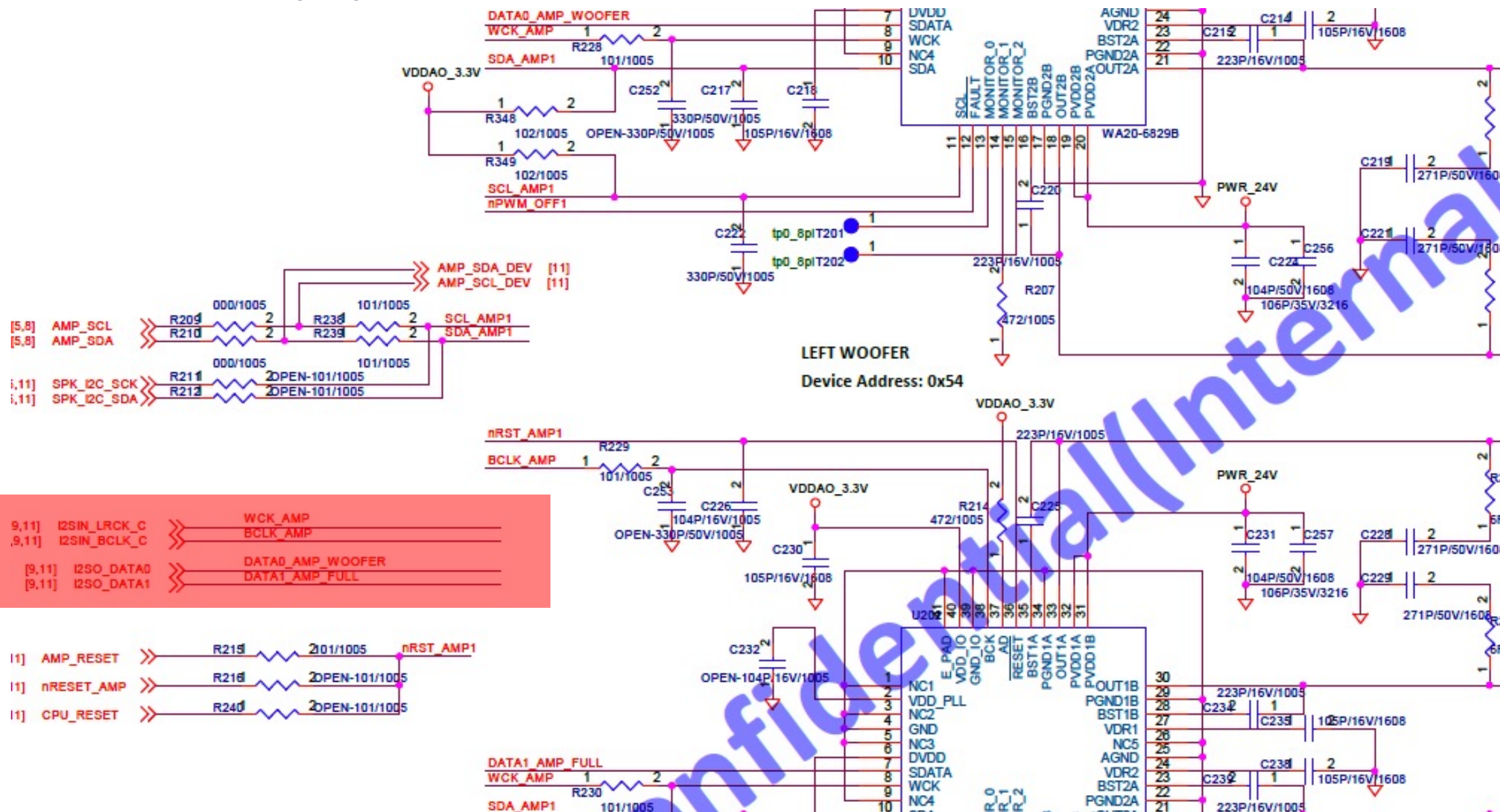


Schematic points(1/2)

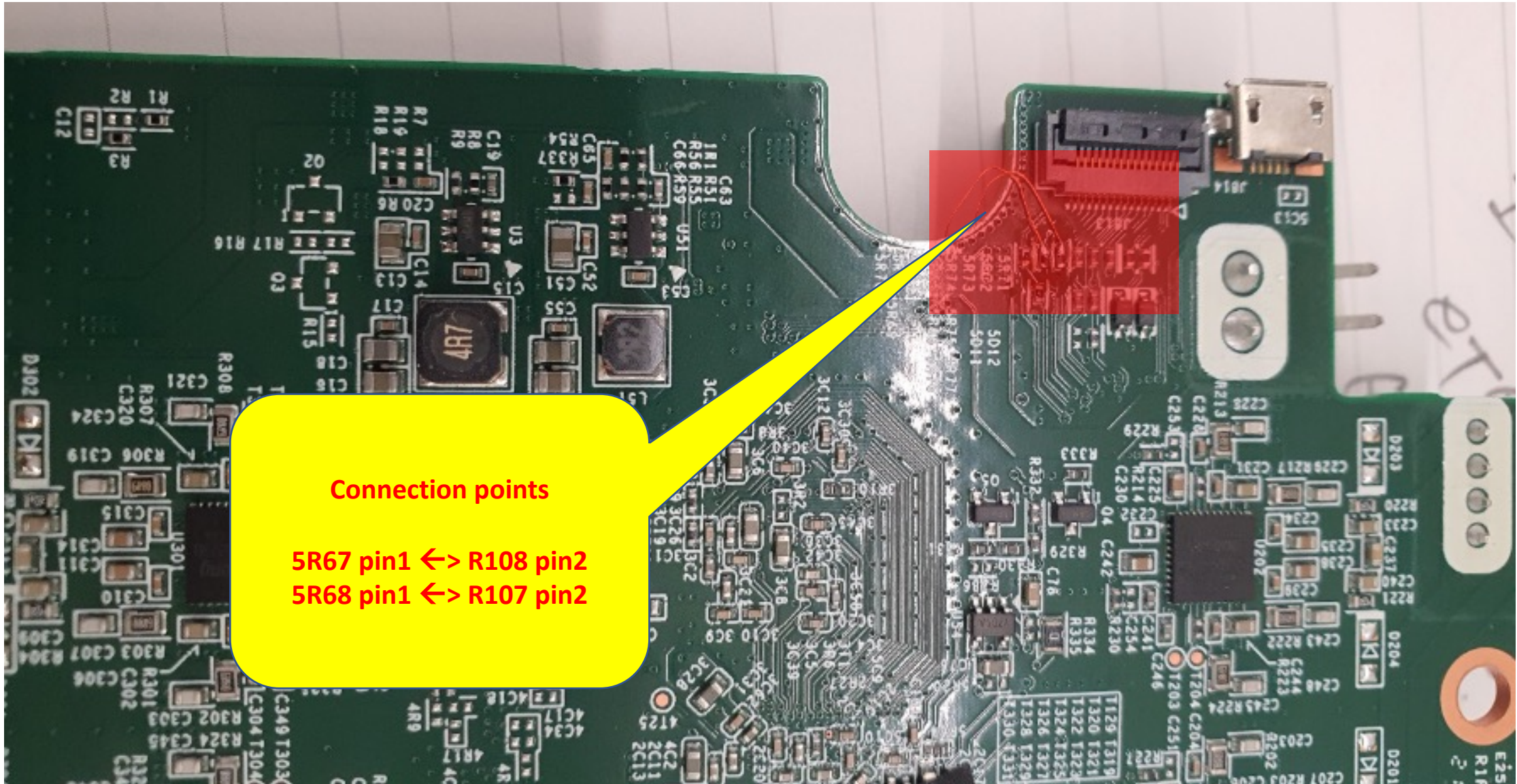




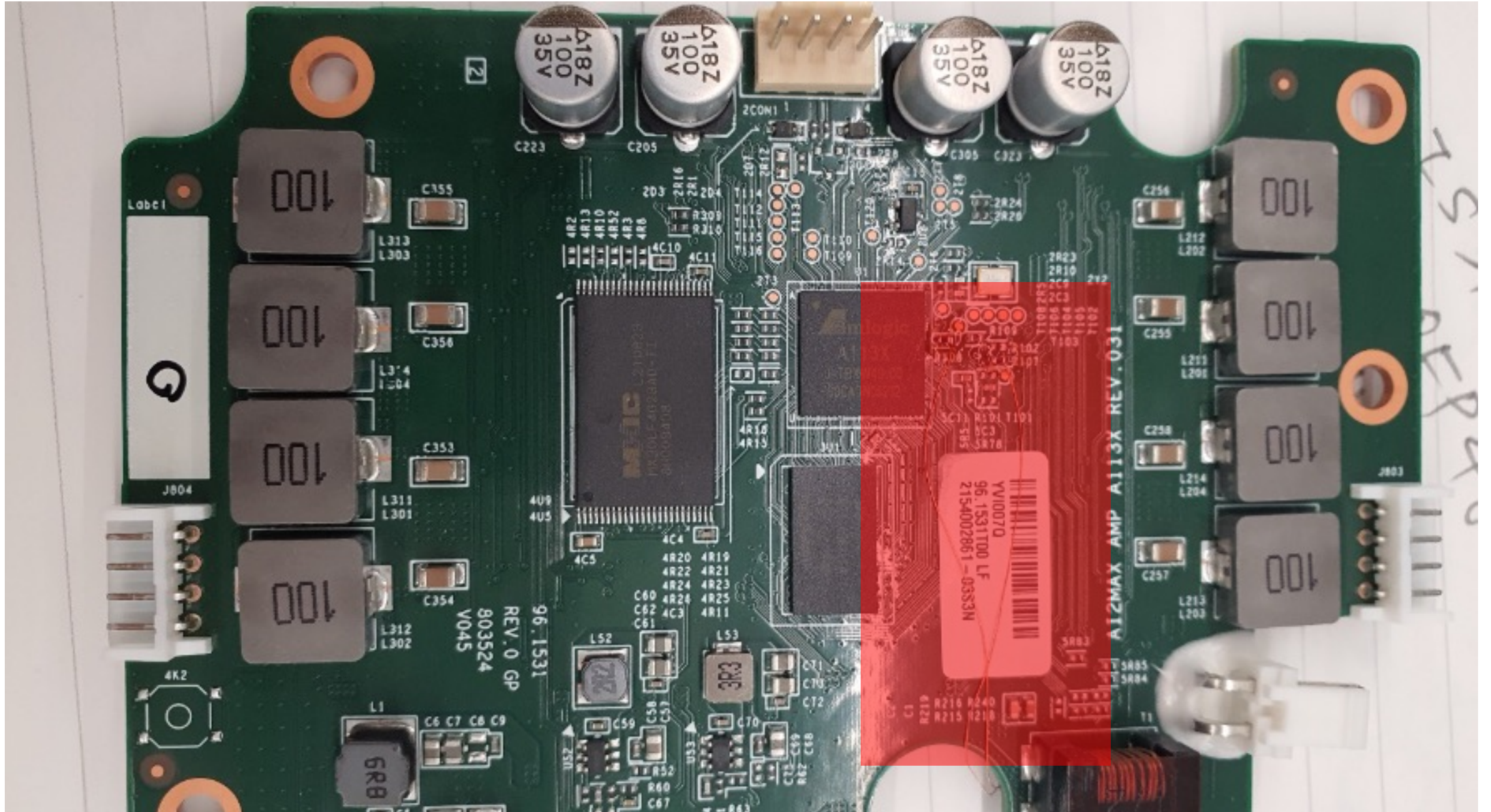
A113X
A113x



ECO points(1/2)



ECO points(2/2)



Thank you.