

SWAN

GPIO Issue review

SH Son

Model Name: BFX-UA300

Document Version: ALT_STB_MP_CSMTINS_001

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Document History

Version	Editor	Date	Updates
001	SH Son (Seunghwan Son)	2022.04.28	initial version

a. button being pressed repeatedly.

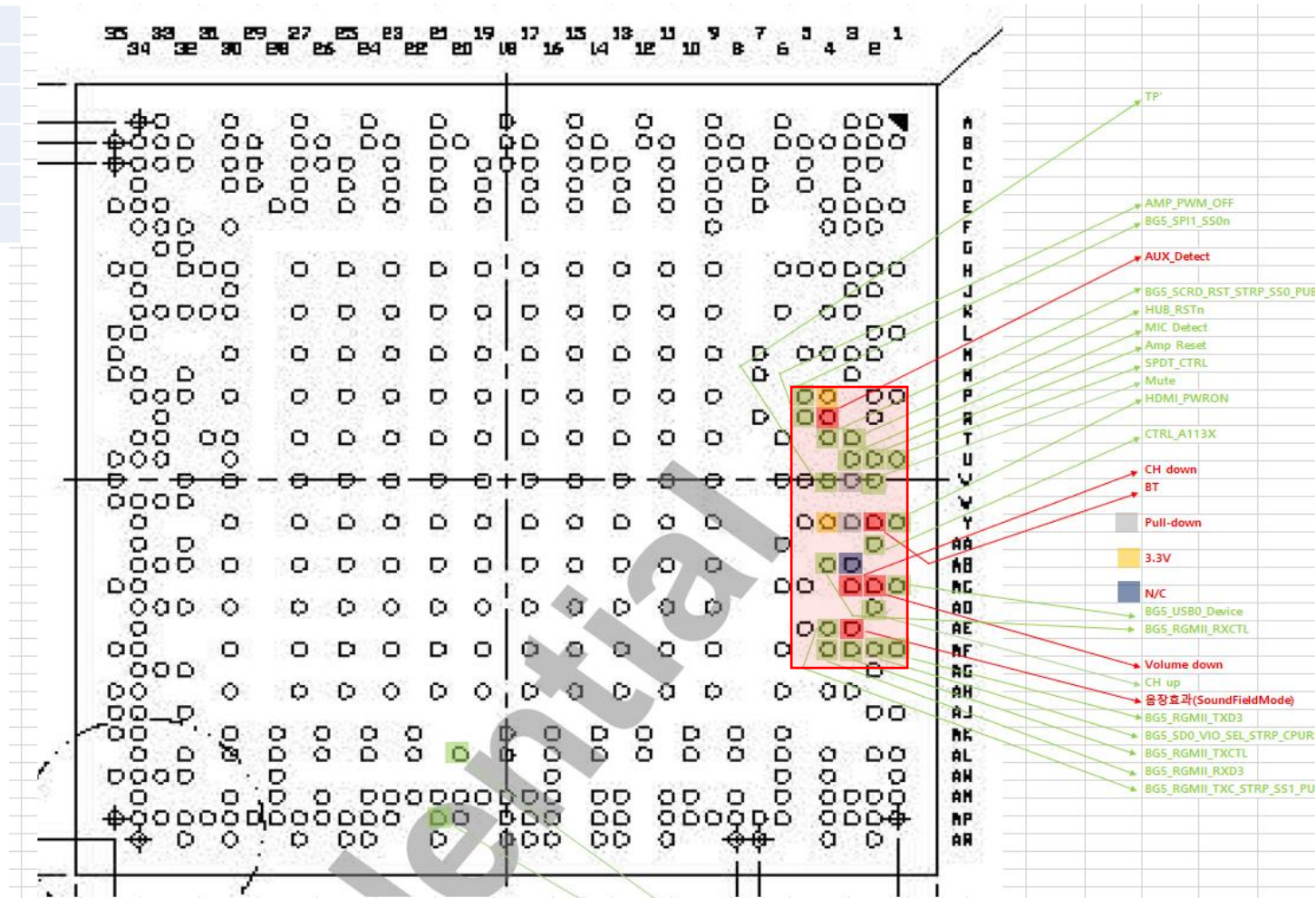
- "CH-" 2pcs,
 - 2149695001202109001335 A8934AFE8191
 - 2149695001202109001199 A8934AFE8209
- "Vol-" 1pcs,
 - PCBA S/N : YW61SVG
- "BT paring" 1pcs,
 - 2149695001202109001011 A8934AFE8265
- "Soundeffect" 1pcs
 - 2149695001202109001817 A8934AFE7EE0

b. AUX not working : 2pcs

- 2149695001202109002264 A8934AFE7F26
- 2149695001202109001321 A8934AFE8105

• VS-550

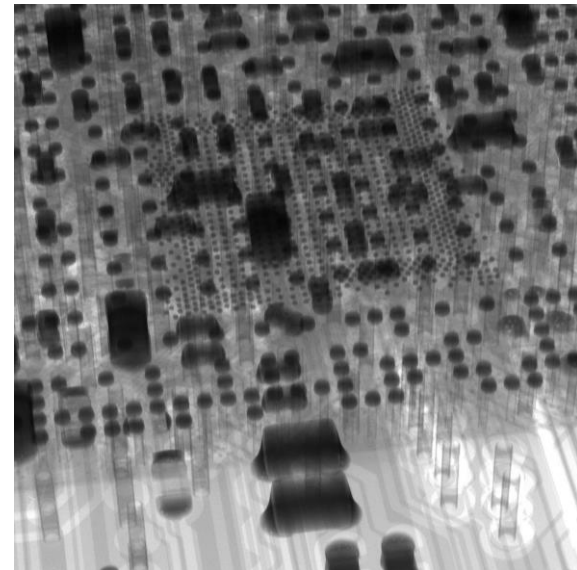
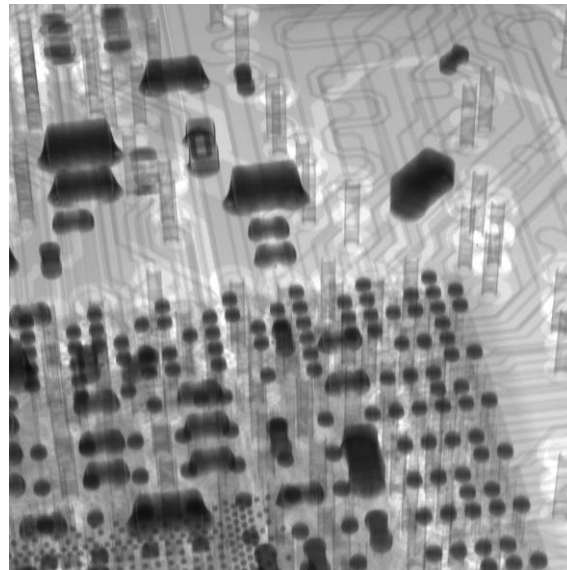
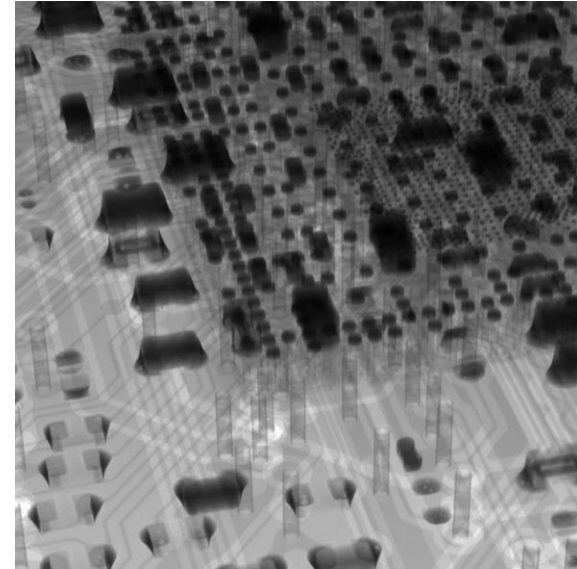
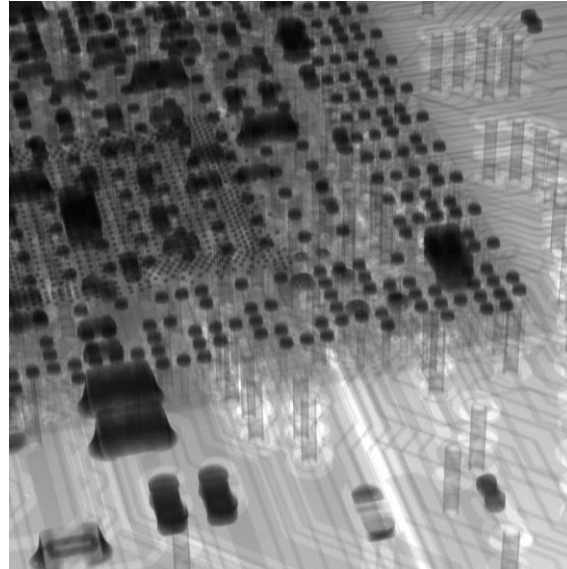
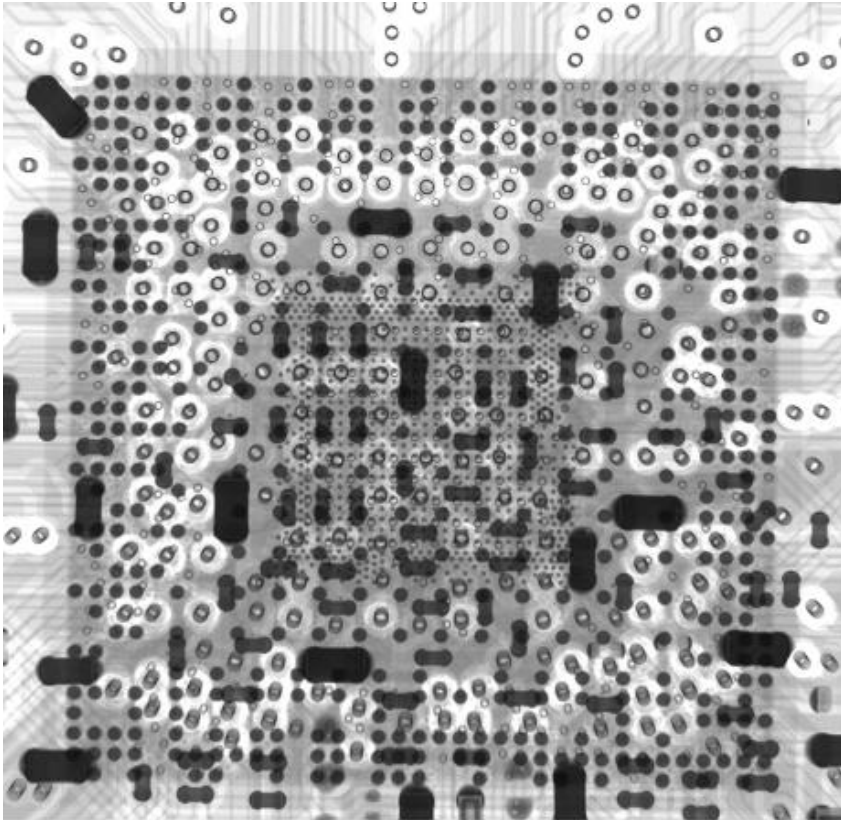
Fault key	Q'ty	Ball
AUX	2	R4
BT	1	Y2
Vol. Down	1	AC2
CH down	2	AC3
Sound Field mode	1	AE3



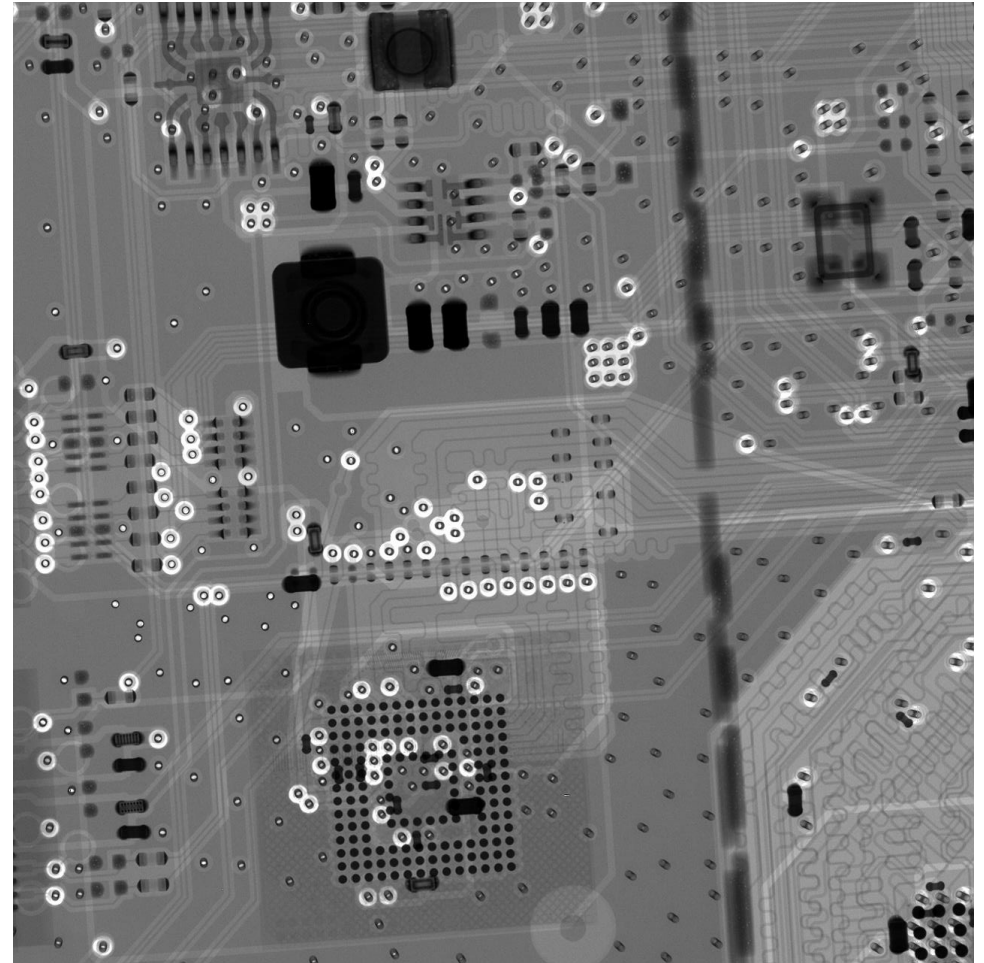
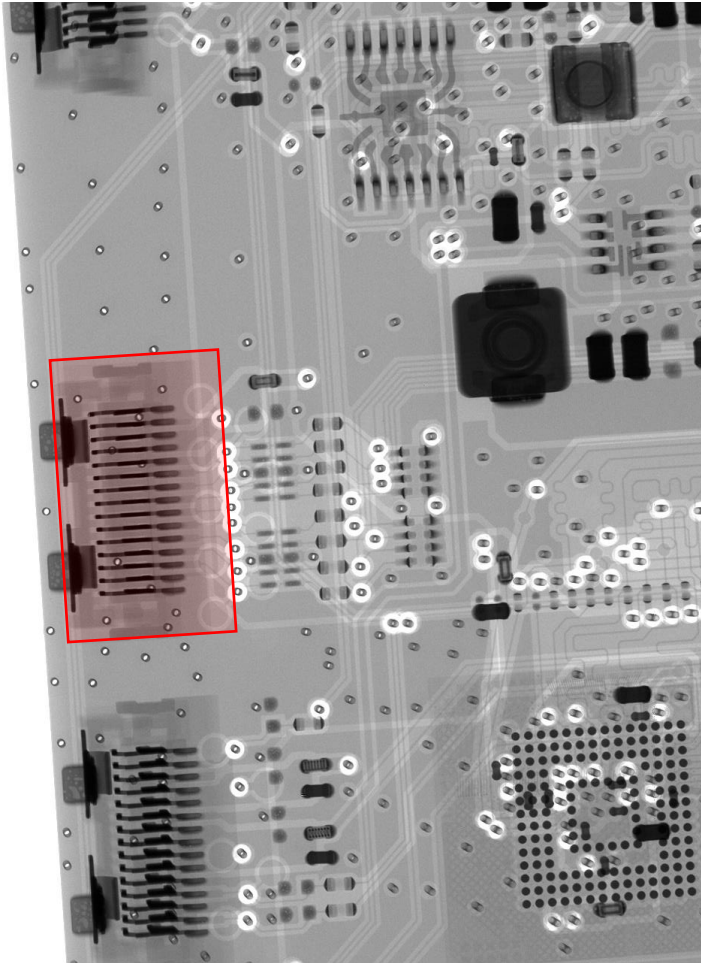
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X-ray inspection

- No Found abnormal : VS-550

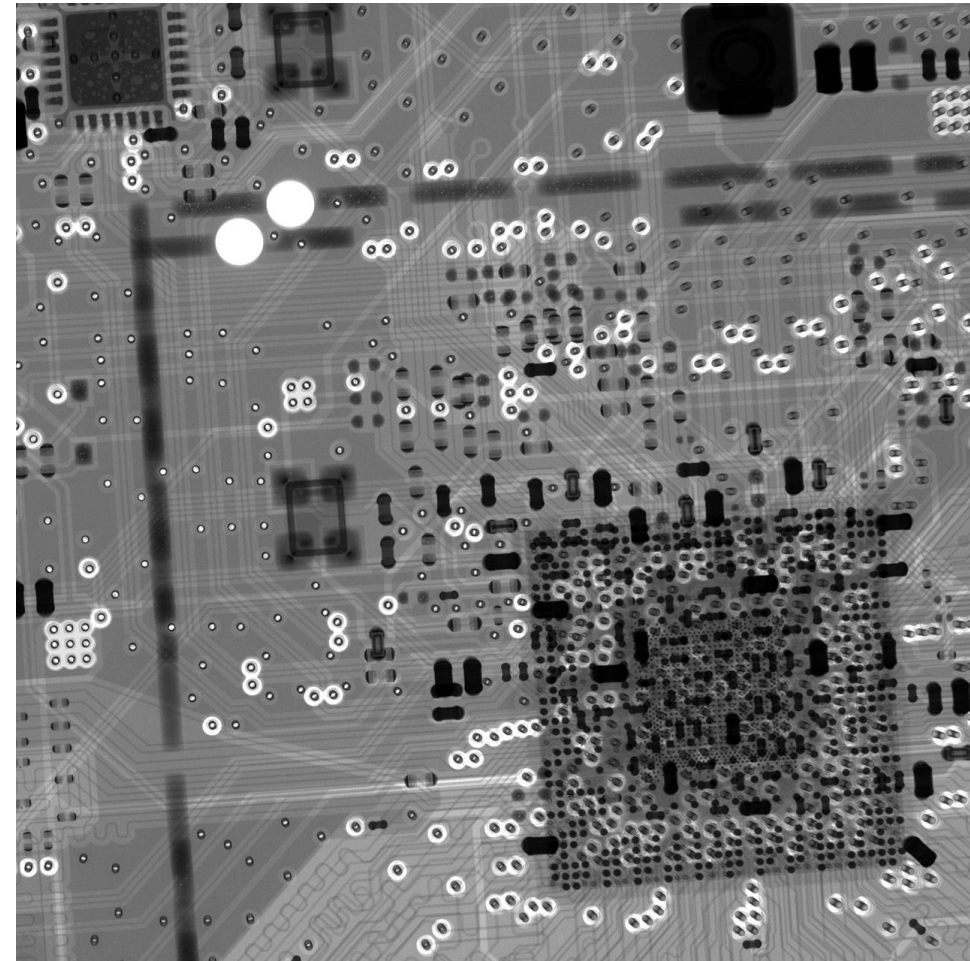
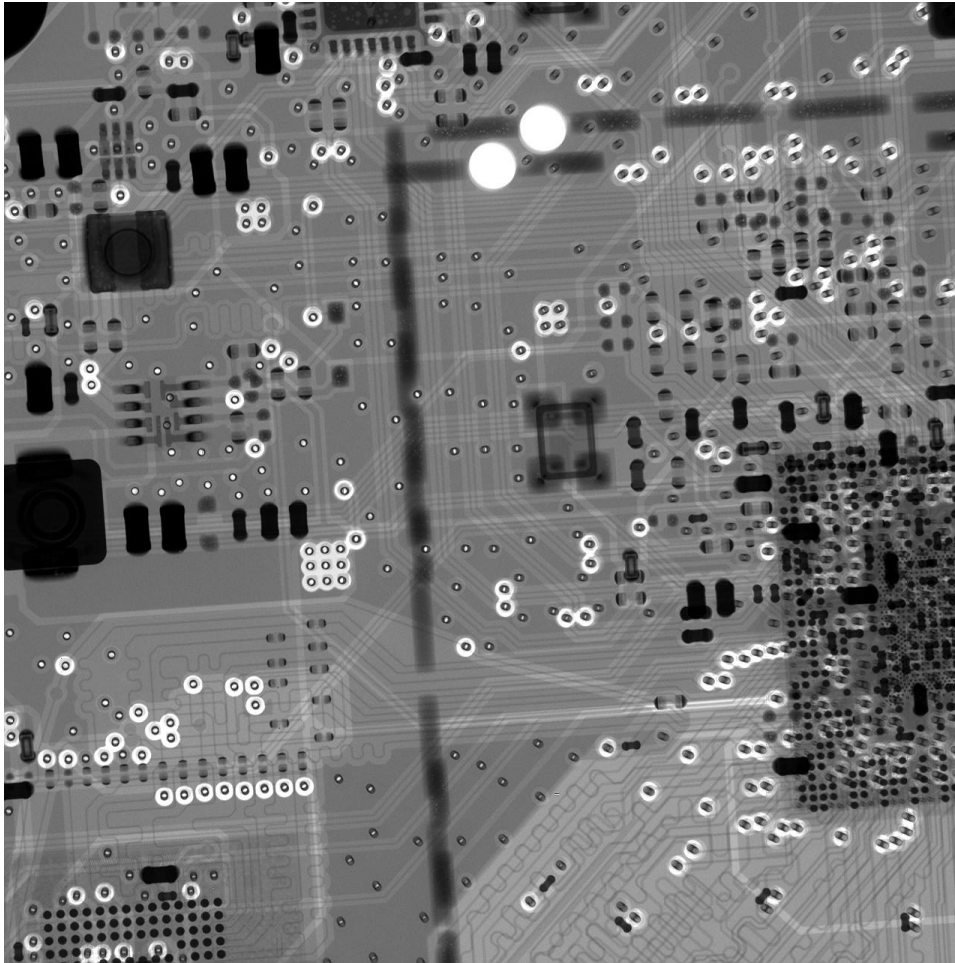


- Button PCB pattern : No Found abnormal



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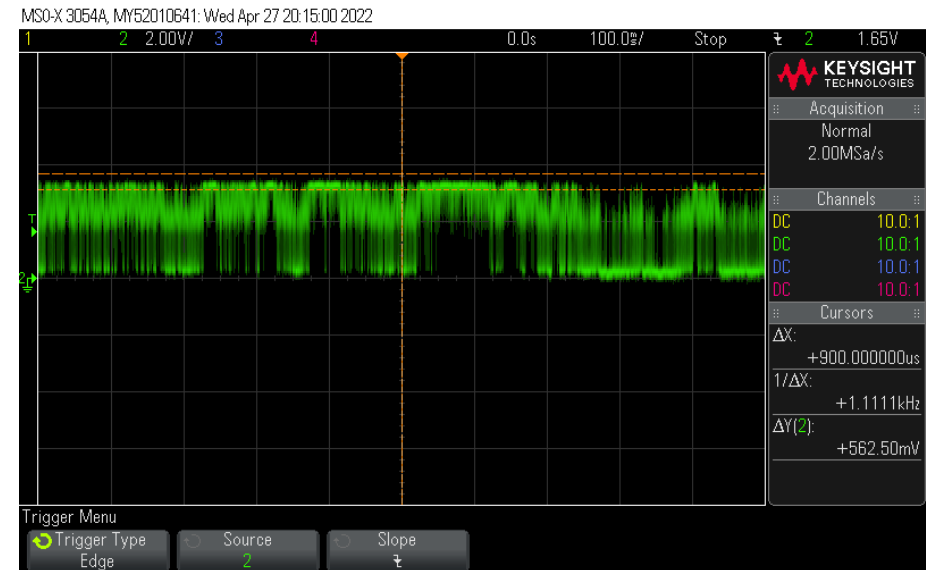
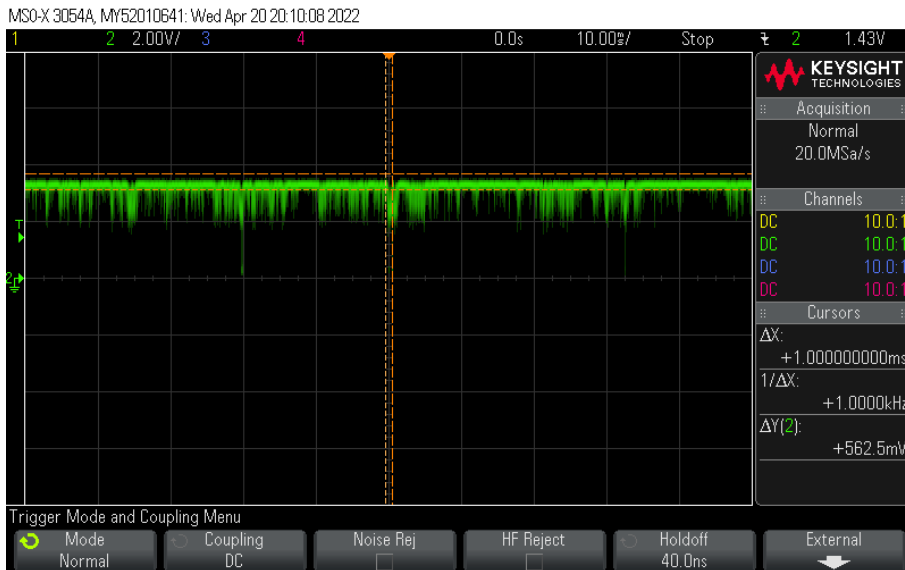
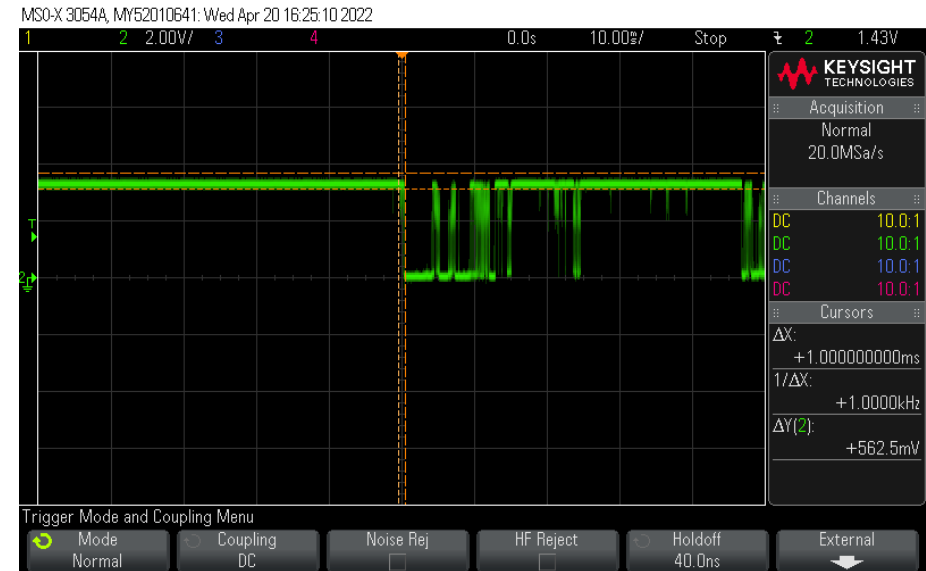
- Button PCB pattern : No Found abnormal



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Signal check

- Measure the “Vol-”, AC2 pin the signal when defects appear is abnormal



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- These GPIO pins of VS-550 are located in the same area.
- ALT will analyze the following causes
 - a. PCB defect.
 - b. Soldering defect
 - c. Chip(VS-550) defect

- NEED TO ANALYZE AND FIND THE ROOT CAUSES
- Foxconn have to analyze the following causes
 - a. PCB defect.
 - b. Soldering defect
 - Factory should check the SMT log to review if there is an abnormal.
 - So far, the defects have been concentrated on the initial production.
 - S/N range : 2149695001202109001011 ~ 2149695001202109002264
 - c. Chip(VS-550) defect

Thank you.

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