

Eagle

2023.04 Mass production inspection

SH Son

Model Name: BFX-AT100

Document Version: ALT_STB_MP_CSMTINS_001

Issued Date: 2023.04.26



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All Life Technology Co., Ltd



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Document History

Version	Editor	Date	Updates
001	SH Son (Seunghwan Son)	2023.04.26	initial version

- SKB incoming inspection
 - Inspection lot : BFX-AT100 19k delivered on 2023.03
 - Sampling size : AQL 0.15 (1000pcs)
 - Date : 2023.03.30 ~ 2023.04.5
 - Location : [SK networks warehouse](#), Anseong, Korea.
- Overall inspection result
 - Conditional Pass
- Defect Total
 - Critical
 - TV Screen unstable * 1pcs
 - IR sensor was damaged * 1pcs
 - Major
 - N/A
 - Minor
 - HDMI Cable cosmetic NG* 1 pcs

Definition*

- Critical : The **defect related to product functions**
- Major : The defect is no effect on the product functions. But **visually defect**. (i.g cosmetic damaged.)
- Minor : The defect is no effect on the product functions, no visually defect. But **need improvement**

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- SKB incoming inspection
 - Inspection lot : BFX-AT100 29k delivered on 2023.04
 - Sampling size : AQL 0.15 (1600pcs)
 - Date : 2023.04.17 ~ 2023.04.20
 - Location : [SK networks warehouse](#), Anseong, Korea.
- Overall inspection result
 - Pass
- First Article Inspection of ABS housing.
 - Not found abnormal except the waived issue.
: Roughness, uneven gloss, Mold mark, Stress mark
- Defect Total
 - Critical
 - N/A
 - Major
 - N/A
 - Minor
 - Ethernet Cable cosmetic NG* 1 pcs

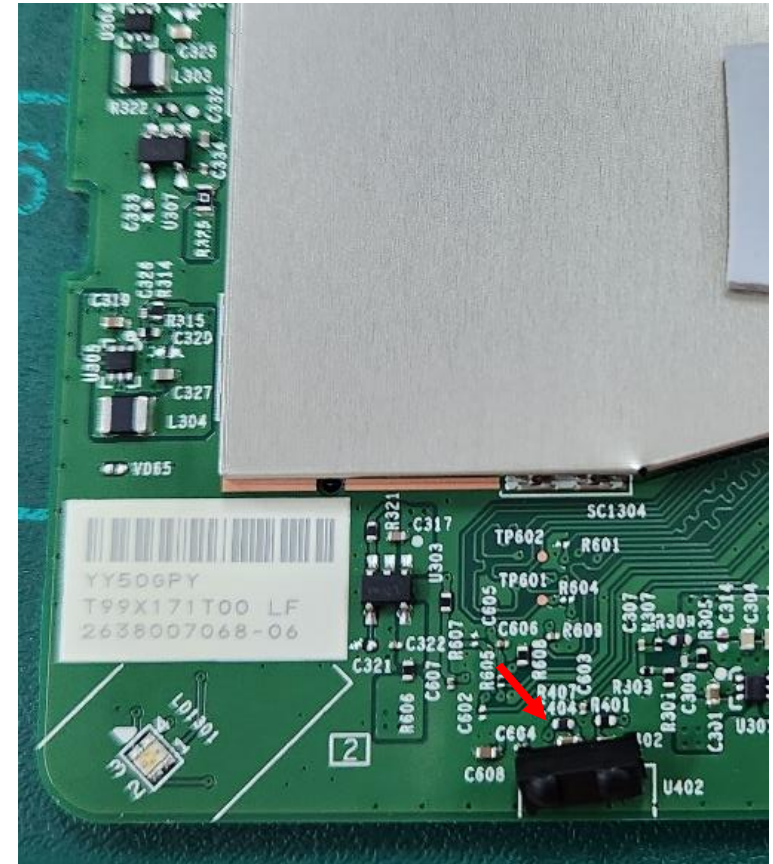
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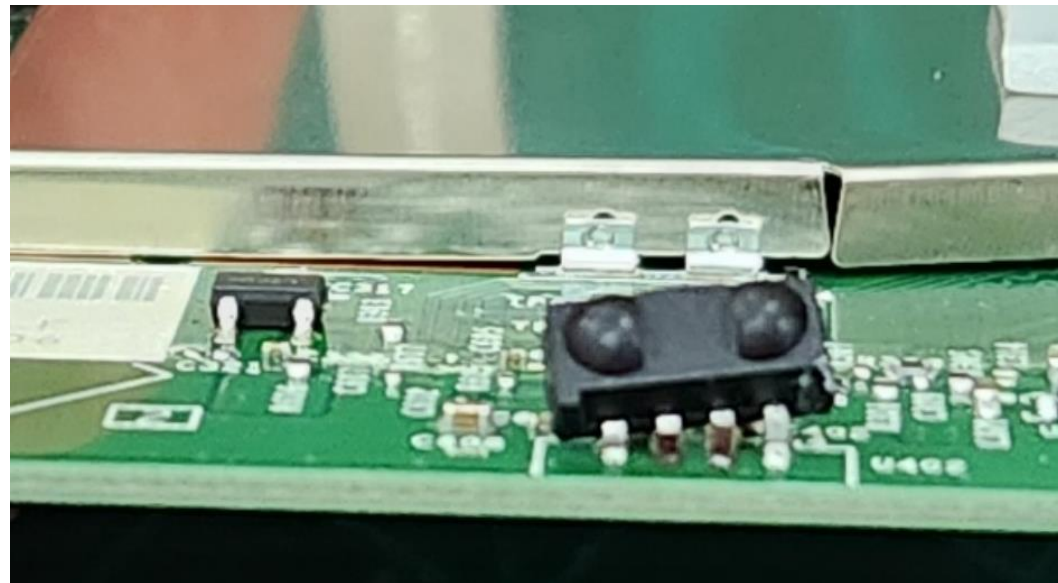
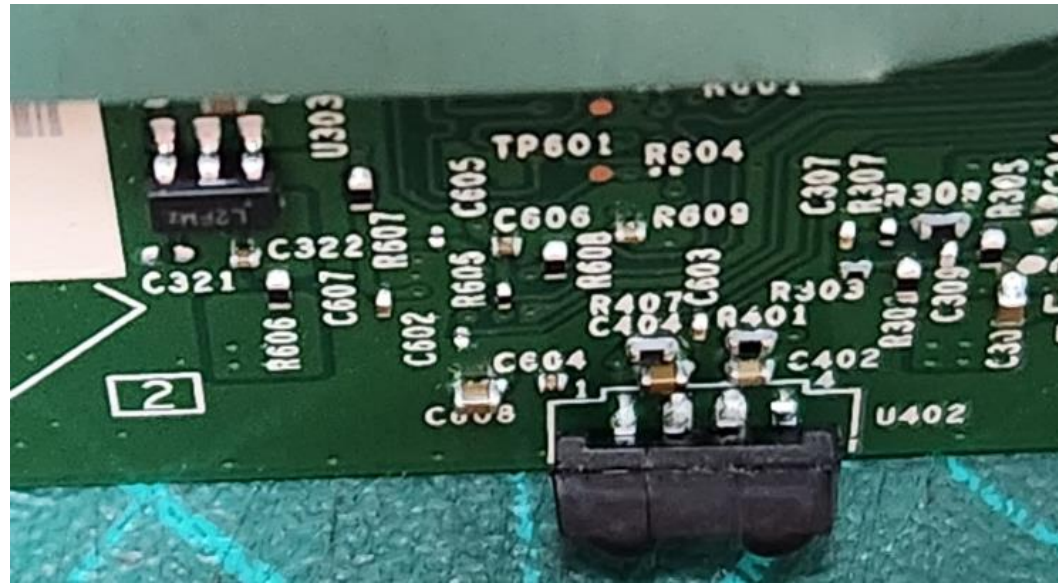
- Issue grade : Critical
 - Defect unit Q'ty : 1pcs / 1000pcs
 - SN :2149688001202301080266
- Symptom
 - TV screen (booting logo, UI, etc) shake
 - Video : [Booting logo](#), [UI](#)
- ALT initial review
 - Check network status -> No found abnormal
 - TV change (LG/Samsung), HDMI Cable change, SW reset and upgrade again -> still has defect
 - Youtube stream is also reproduced screen shake
- Action item
 - FXN should be submit 8D report
 - For short term solution
 - First find the filtering solution at FATP line
 - The root cause.
 - Provide the preventive action
 - **Please note that, discuss with ALT before rework or replace BGA**

IR sensor was damaged

- Issue grade : Critical
 - Defect unit Q'ty : 1pcs / 1000pcs
 - SN :2149688001202301080127
 - PCBA SN : YY50GPY
- Symptom
 - RCU input is not working
- ALT initial review
 - Visual check : NG
 - Rework the IR sensor
 - ALT was assembled again.
- Action item
 - FXN should be submit 8D report
 - Find The root cause.
 - Find out what this defect is not filtering in FATP line
 - Provide the preventive action

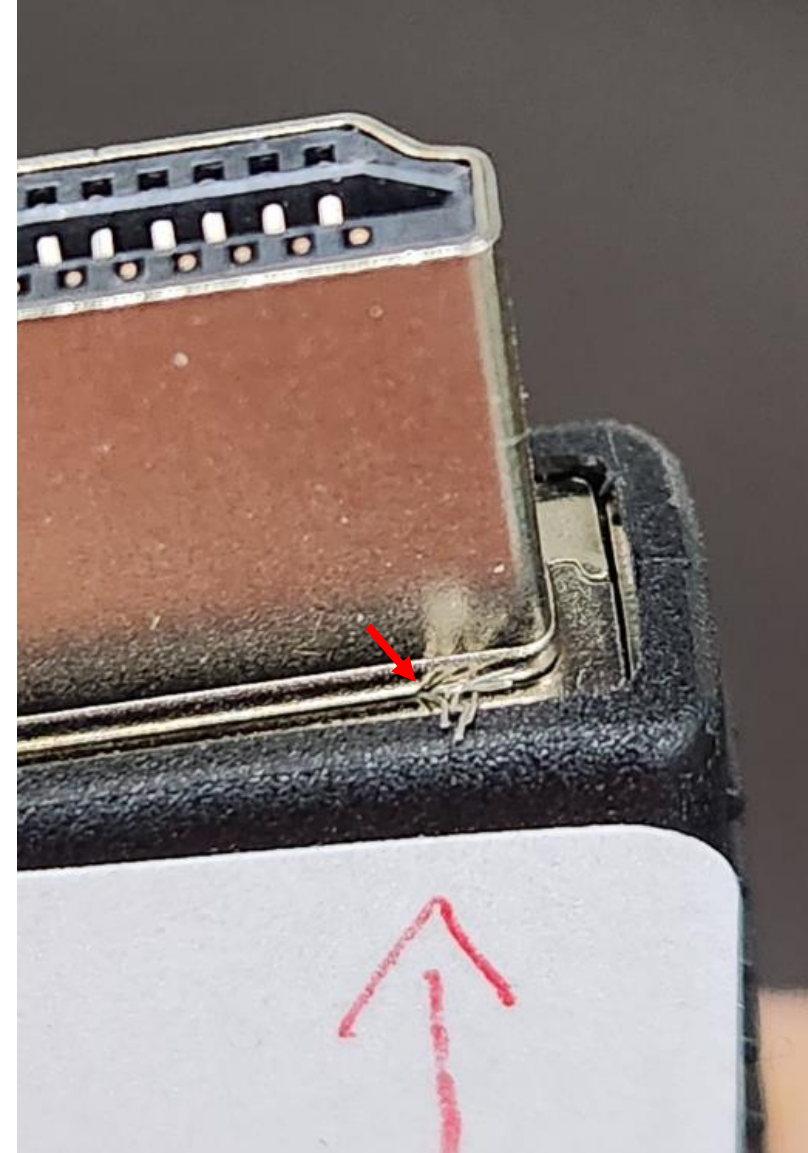


IR sensor was damaged



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- Issue grade : Major
 - Defect unit Q'ty : 1 pcs / 1000 pcs
- Symptom
 - HDMI shielding cable finish NG
- ALT initial review
 - Visual check : NG
- Action item
 - FXN should be submit FA report and vender FA report
 - Find The root cause.
 - Provide the preventive action



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- Issue grade : Major
 - Defect unit Q'ty : 1 pcs / 1000 pcs
- Symptom
 - Ethernet cable cosmetic NG
- ALT initial review
 - Visual check : NG
- Action item
 - FXN should be submit FA report and vender FA report
 - Find The root cause.
 - Provide the preventive action



Thank you.

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