

Sender: naomi.dl.feng@mail.foxconn.com
Date: 07/11/2024 14:46:29
To: rachel.nh.nguyen@mail.foxconn.com
CC:
Subject: P/N:002.02753.005 / MPN: S905X2-B (Vendor: AMLOGIC) RMA BFX AT-100 No Boot.
Attachments:

— Forward by naomi.dl.feng@mail.foxconn.com On 7/11/2024 2:45:50 PM —

Haming.Hu@cecport.com To: cpe-vn-sqe@mail.foxconn.com
Cc: toney.hb.tu@fii-foxconn.com,ken.sv.pham@foxconn.com,antony.ws.tong@fii-foxconn.com,cooper.cy.kung@fii-foxconn.com,semi.sl.zhang@mail.foxconn.com,gavin.xc.tang@mail.foxconn.com,Gary.Chen@cecport.com,Sunny.
5/20/2024 3:08:17 PM Subject: 回复: Fw:P/N:002.02753.005 / MPN: S905X2-B (Vendor: AMLOGIC) RMA BFX AT-100 No Boot.

Hi NAOMI,

Due to the fact that the sample DCs provided by your company were all from before the first half of 2023.
And the chip manufacturing time is more than 1 year, we can't apply for original factory resources to conduct this FA. I'm sorry for that.

Best Regards
胡邦明 Haming.Hu
ShenZhen Cecport
phone: +86 13161091826
Email: haming.hu@cecport.com
CECport | www.cecport.com

发件人: cpe-vn-sqe@fii-foxconn.com <cpe-vn-sqe@fii-foxconn.com>
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主题: Fw:P/N:002.02753.005 / MPN: S905X2-B (Vendor: AMLOGIC) RMA BFX AT-100 No Boot.

Dear Haming,

Because of appearance issue, so we want to change the DC of samples: Change the D/C 2214 to 2247 and D/C 2212 to 2149.

Pls check attached file. Thanks!

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— Forward by naomi.dl.feng@mail.foxconn.com On 5/20/2024 10:06:27 AM —

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5/14/2024 10:26:25 AM Subject: 回复: 回复: Fw:P/N:002.02753.005 / MPN: S905X2-B (Vendor: AMLOGIC) RMA BFX AT-100 No Boot.

Hi Naomi,
Please update and improve the attached RMA/FA excel table, I will forward it to Amlogic later.

Best Regards
胡邦明 Haming.Hu

发件人: Haming.Hu 胡邦明
发送时间: 2024年4月22日 14:03
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主题: 回复: 回复: Fw:P/N:002.02753.005 / MPN: S905X2-B (Vendor: AMLOGIC) RMA BFX AT-100 No Boot.

Hi Naomi,
1. 1. As you mentioned, there is 108 pcs of SoC-U1 material issue in 35 DCs in range of D2113 to D2340. We were already provide 6 Pcs FA report as attached file in 4DCs (D2221,D2247,D2309,D2334) in range of D2113 to D2340.

2. From the report, it can be seen that the problem is not at the AMLOGIC vendor, and Amlogic's FT/SLT program is able to 100% screen this defect and the chips are 100% test. We would like to know what adjustments you made to the production line after receiving the report?

Best Regards
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发件人: cpe-vn-sqe@fii-foxconn.com <cpe-vn-sqe@fii-foxconn.com>
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主题: 回复: Fw: P/N:002.02753.005 / MPN: S905X2-B (Vendor: AMLOGIC) RMA BFX AT-100 No Boot.

Dear Haming Hu,

1.The product data code is from D2149 to D2313. During this period, the number of shipments exceeded 1728 pieces. I would like to ask how this quantity is calculated?
==> We agreed that there's way more than 1728pcs, but those are RMA products returned by ALT customer, not entire number of shipped products. And there is 108 pcs of SoC-U1 material issue in 35 DCs in range of D2113 to D2340.

2.S905X2-B is a very mature product and has been produced on a large scale by many customers. Its error rate is very, very low. Calculate the error rate accurately.
==> Based on this RMA lot our ALT customer return is 1728pcs defective units are filtered from in many orders. There ware 108pcs with error rate S905X2-B in this concentrated in the following datecodes:
D2221 is 16/69558~ 230 DDM, D2309 is 12/34558~ 347 DDM, D2220 is 9/19848~ 453 DDM, D2234 is 8/504~ 15873 DDM, D2340 is 8/19040~ 315 DDM,.....

DC	2221	2309	2220	2234	2340	
Total Qty	69558	34558	19848	504	19040	
Qty fail (RMA)	16	12	9	8	6	
DDM	230.0239	347.2423	453.4462	15873.02	315.1261	

, 3.If there is a large scale failure in a DC, we will request Amlogic to provide RMA/FA service. Otherwise, we recommend a 1:1 every six months or once a year.
==>Number of RMA products not focus in just one DC but spread in many, and because of that high RMA rate of SoC-U1 material issue products , ALT customer requires us provide them issues report so we need to 5pcs*U1-SoC of NG material to AMLOGIC vendor to assist with failure analysis.

Best Regards,
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— Forward by cpe-vn-sqe@mail.foxconn.com On 4/19/2024 3:53:26 PM —

Haming.Hu@cecport.com To: Tim.Cao@cecport.com
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4/15/2024 1:17:56 PM Subject: 回复: Fw: P/N:002.02753.005 / MPN: S905X2-B (Vendor: AMLOGIC) RMA BFX AT-100 No Boot.

Hi Naomi,
1. The product Data Code is from D2149 to D2313, during this period, the shipment quantity far exceeded 1728pcs, I would like to ask how this quantity is calculated?
2. S905X2-B is a very mature product and has undergone large-scale production by many customers. Its defect rate is very, very low. Please calculate the defect rate correctly.
3. If there are large-scale defects in a single DC, we will request Amlogic to provide RMA/FA service. Otherwise, we recommend a 1:1 exchange every six months or once a year.

Best Regards
胡邦明 Haming.Hu
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Email: haming.hu@cecport.com
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发件人: Tim.Cao 曹书旺 <Tim.Cao@cecport.com>
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主题: 转发: Fw: P/N:002.02753.005 / MPN: S905X2-B (Vendor: AMLOGIC) RMA BFX AT-100 No Boot.

Hi Haming,

Could you please help check below case and provide the solutions for it ?
The failure rate 62500DPPM is too high to accept, could you please check it more detail with customer ?

Your help will be appreciated !

Best Regards,
Tim Cao
Mob: 13590309042
Email: tjm_cao@cecport.com
CECport | www.cecport.com

发件人: cpe-vn-sqe@fii-foxconn.com <cpe-vn-sqe@fii-foxconn.com>
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主题: Fw:P/N:002.02753.005 / MPN: S905X2-B (Vendor: AMLOGIC) RMA BFX AT-100 No Boot.

Dear Amlogic Team,

April 2024, ALT customer feedback that they found out 108/1728pcs pcs BFX AT-100 RMA has boot up fail.This issue follow SoC U1 .
P/N:002.02753.005
MPN:S905X2-B
Vendor:AMLOGIC
Location: U1
FR: 6.25%

Detail in report name "T99X171.00(BFX AT-100) No Boot FA Report_v1"
Pls provide your contact, we will send NG samples to your company for analysis. Thanks!

#13. IC U1 Information Shipping

➤ Visual Inspection and sent 5pcs NG sample to SQE pictures as below:

NG.#	NG1	NG2	NG3	NG4	NG5
Date Code	D2206	D2313	D2149	D2214	D2212
Top side					
Bottom side					

➤ Summary:
- Summary: VI 5pcs NG sample will sent to SQE. Don't find out any abnormal..

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14

Best Regards,

SQE-CPEI-VN
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