



<b>Title of Change:</b>	Ezairo 7111: EEPROM corruption problem.	
<b>Effective date:</b>	28 April 2019	
<b>Contact information:</b>	Contact your local ON Semiconductor Sales Office or < <a href="mailto:Christophe.waelchli@onsemi.com">Christophe.waelchli@onsemi.com</a> >	
<b>Type of notification:</b>	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.	
<b>Change Category:</b>	<input type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input checked="" type="checkbox"/> Other <u>Embedded FW bug</u>	
<b>Change Sub-Category(s):</b>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> Manufacturing Site Addition</div> <div style="width: 33%;"><input type="checkbox"/> Material Change</div> <div style="width: 33%;"><input type="checkbox"/> Datasheet/Product Doc change</div> <div style="width: 33%;"><input type="checkbox"/> Manufacturing Site Transfer</div> <div style="width: 33%;"><input type="checkbox"/> Product specific change</div> <div style="width: 33%;"><input type="checkbox"/> Shipping/Packaging/Marking</div> <div style="width: 33%;"><input type="checkbox"/> Manufacturing Process Change</div> <div style="width: 33%;"><input checked="" type="checkbox"/> Other: <u>Embedded FW bug</u></div> </div>	
<b>Sites Affected:</b>	ON Semiconductor Sites: ON Burlington, Canada	External Foundry/Subcon Sites: None
<b>Description and Purpose:</b>  <p>This Product Bulletin is released to inform customers using the Ezairo 7111 DSP that the pre-loaded Pre Suite Firmware version 1.2.839 and earlier include a bug that can corrupt the EEPROM image of the Ezairo 7111, preventing the system to boot, putting it in a deadlock state instead.</p> <p>During data logging operation, if enabled, the Pre Suite FW regularly writes user data in a specific location of the EEPROM. In case the power supply is lost during the data logging operation (for example if the battery is removed by the user), the CRC of a given EEPROM section might not be properly updated, which can cause a boot problem when the power is restored.</p> <p>The Pre Suite Firmware version can be read using Sound Designer by navigating to the General Tab in the Settings menu and clicking on the Detect button.</p> <p>ON Semiconductor suggest customers to disable the data logging option when using the versions referenced in this Product Bulletin of the Pre Suite Firmware for Ezairo 7111.</p> <p>ON Semiconductor is working on a Firmware fix. Impacted customers will get an updated Product Bulletin when available. The new Firmware will be available on MyON for upload.</p>		
<b>List of Affected Parts:</b>  <p><b>Note:</b> Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the <u><a href="#">PCN Customized Portal</a></u>.</p> <p>E7111-0-102A19-AG E7111-0-102A19-BPG</p>		



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## Appendix A: Changed Products

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Product	Customer Part Number
E7111-0-102A19-AG	