



**Connect Tech Inc.**  
Embedded Computing Experts

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# Product Change Notification

## NVIDIA® Jetson™ TX2/TX1 Active Heat Sink

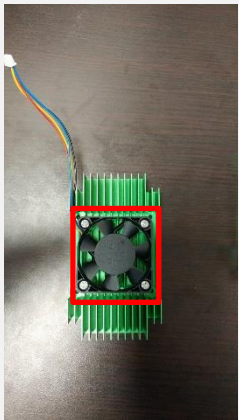
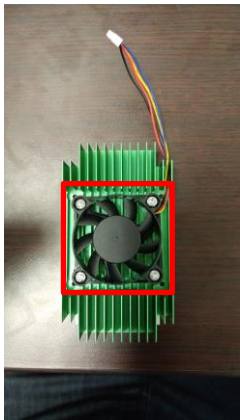
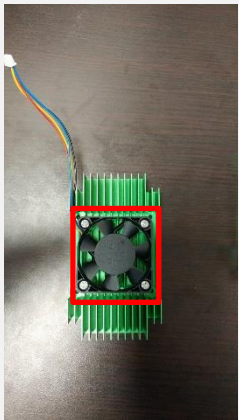
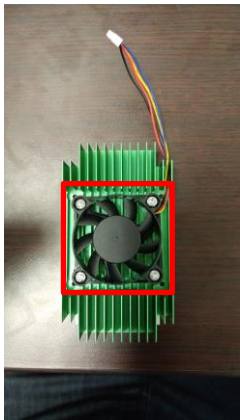
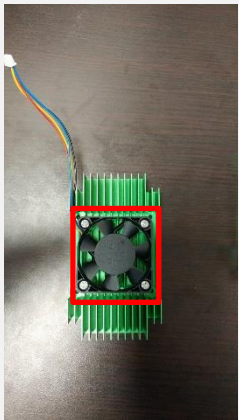
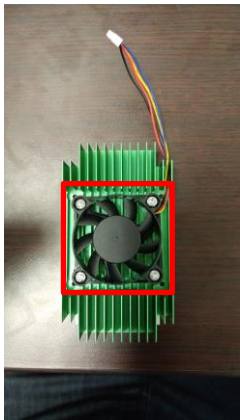
<b>PCN Number:</b>	CTIU-00006
<b>Revision:</b>	0.00
<b>Issue Date:</b>	2017-08-16
<b>Effective Date:</b>	2017-08-16
<b>Authors:</b>	JW, PD

# 1 Product Identification

## 1.1 Product Data

	Previous Version	New Version
<b>Product Name</b>	NVIDIA® Jetson™TX2/TX1 Active Heat Sink	NVIDIA® Jetson TX2/TX1 Active Heat Sink
<b>CTI Part Numbers</b>	XHG302	XHG302
<b>OEM Part Numbers</b>	CTIA-00759	CTIA-00759
<b>Serial Number</b>	N/A	N/A
<b>Lot Number</b>	N/A	N/A
<b>Hardware Revision</b>	N/A	N/A
<b>Firmware Version</b>	N/A	N/A

## 1.2 Means of Distinguishing Changed Products

		Remark				
<b>Product Number</b>	<input type="checkbox"/>					
<b>Hardware Revision</b>	<input type="checkbox"/>					
<b>Lot Code</b>	<input type="checkbox"/>					
<b>Fan</b>	<input checked="" type="checkbox"/>	See Fan Blades and Housing <table border="1" data-bbox="573 1052 1446 1572"> <thead> <tr> <th>Previous Version XHG302 CTIA-00759</th> <th>New Version XHG302 CTIA-00759</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> </tr> </tbody> </table>	Previous Version XHG302 CTIA-00759	New Version XHG302 CTIA-00759		
Previous Version XHG302 CTIA-00759	New Version XHG302 CTIA-00759					
						
<b>Other</b>	<input type="checkbox"/>					

## 2 Description and Reason of Change

<b>AVL</b>	<input type="checkbox"/>	<b>Product Improvement</b>	<input type="checkbox"/>
<b>Material</b>	<input type="checkbox"/>	<b>BIOS Release</b>	<input type="checkbox"/>
<b>Assembly Process</b>	<input type="checkbox"/>	<b>Firmware Release</b>	<input type="checkbox"/>
<b>Assembly BOM</b>	<input type="checkbox"/>	<b>Datasheet / Manual</b>	<input type="checkbox"/>
<b>Testing</b>	<input type="checkbox"/>	<b>DFM</b>	<input type="checkbox"/>
<b>Manufacturing Site</b>	<input type="checkbox"/>	<b>Other</b>	<input checked="" type="checkbox"/>
<b>Equipment</b>	<input type="checkbox"/>		

Change has been made to the attached fan as the manufacture lead times for the previous fan has been found to be much too long for production purposes. The new fan has been confirmed to be a suitable substitute over the previous fan, and has some slight dimensional differences related to the housing and fan blades.

### 3 Impact of change (positive or negative) on fit, form, function & reliability

#### 3.1 Quality and Reliability

The changes listed in Section 2 will have no effect on the overall quality and reliability of the Active Heatsink or the Connect Tech carrier board.

#### 3.2 Software Compatibility

N/A

#### 3.3 Hardware Compatibility

The fan has some dimensional difference, the overall Heatsink assembly is identical to the previous version, and customers will not have issues with Mechanical Compatibility. Additionally the new fan appears to have approximately 1 cm shorter than the previous fan connector, this should not have an effect on compatibility with the TX2/TX1 Carriers.

### 4 Product / Revision Discontinuation

After the release of this PCN there will be a transition time of 3 months whereby a delivery may consist of products based on previous revisions as well as new revisions. After the completion of the transition time, only products based on the new revision will be delivered. This does not include products that fall under the RMA process.

### 5 Contact Information

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