



Connect Tech Inc.

Embedded Computing Experts

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Product Change Notification

ASG003 Orbitty replacement ASG023

PCN Number:	CTIU-00085
Revision:	0.01
Issue Date:	2024-11-12
Effective Date:	2024-10-24

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1 Product Identification

1.1 Product Data

	Original Product	New Alternate Product
Product Name	Orbitty Carrier for NVIDIA Jetson TX2/TX2i	Orbitty Carrier for NVIDIA Jetson TX2/TX2i
Part Numbers	ASG003	ASG023
Hardware Revision	A-D	E+

1.2 Means of Distinguishing Changed Products

Part Number	<input checked="" type="checkbox"/>	Label will now read ASG023
Hardware Revision	<input checked="" type="checkbox"/>	Silk screen will indicate Revision E
Label	<input type="checkbox"/>	
Other	<input type="checkbox"/>	

2 Description and Reason of Change

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

Due to end-of-life components, Connect Tech has designed a replacement for the Orbitty carrier (ASG003). This new product (ASG023) has some component changes.

The primary change is that the new ASG023 replaces the HDMI protection circuitry IP4786CZ32S with a discrete implementation. Other minor changes include updates to the approved alternate component list.

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

3.1 Quality and Reliability

There is no change to quality or reliability.

3.2 Software Compatibility

ASG023 will work with existing ASG003 software and BSP.

3.3 Hardware Compatibility

The ASG023 is functionally compatible with the ASG003. ASG023 has the same features and functionality.

3.4 Mechanical Compatibility

The ASG023 is mechanically compatible for the ASG003. There are no changes to size, shape, nor connector position.

4 Product / Revision Discontinuation

Once existing stock has been sold, the ASG003 will no longer be offered for purchase. Customers will be required to change existing sales orders to the newer product number ASG023.

5 Contact Information

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