



**Manufacturer:** NI

**Board Assembly Part Numbers** (Refer to Procedure 1 for identification procedure):

Part Number and Revision	Description
116201A-01L or later	MODULE ASSEMBLY, IVN-8532, 4 X 100M/1G BASE -T1 PORTS WITH MACSEC

## Volatile Memory

<i>Target Data</i>	<i>Type</i>	<i>Size</i>	<i>Battery Backup</i>	<i>User<sup>1</sup> Accessible</i>	<i>System Accessible</i>	<i>Sanitization Procedure</i>
Data Storage (x6)	DRAM	2 GB (x6)	No	No	Yes	Cycle Power
Device Operation	FPGA/Processor	AMD XCZU11EG	No	No	Yes	Cycle Power

## Non-Volatile Memory (*incl. Media Storage*)

<i>Target Data</i>	<i>Type</i>	<i>Size</i>	<i>Battery Backup</i>	<i>User Accessible</i>	<i>System Accessible</i>	<i>Sanitization Procedure</i>
System Flash (x2)	Flash	64 MB (x2)	No	No	Yes	None
• Firmware				No	Yes	None
• FPGA Bitstream				No	Yes	None
Ethernet Interface Carrier Configuration	EEPROM	32 KB	No	Yes	Yes	None
• Device information						
Interface Devices Configuration (x2)	EEPROM	32 KB (x2)	No	Yes	Yes	None
• Device information						

<sup>1</sup> Refer to *Terms and Definitions* section for clarification of *User* and *System Accessible*



## Procedures

### **Procedure 1 – Board Assembly Part Number identification:**

To determine the Board Assembly Part Number and Revision, refer to the label applied to the surface of your product. The Assembly Part Number should be formatted as “P/N: 1#####a-##L” where “a” is the letter revision of the assembly (e.g. A, B, C...) and “#” is the number that identifies the model from the Board Assembly Part Number table.



## Terms and Definitions

### **Cycle Power:**

The process of completely removing power from the device and its components and allowing for adequate discharge. This process includes a complete shutdown of the PC and/or chassis containing the device; a reboot is not sufficient for the completion of this process.

### **Volatile Memory:**

Requires power to maintain the stored information. When power is removed from this memory, its contents are lost. This type of memory typically contains application specific data such as capture waveforms.

### **Non-Volatile Memory:**

Power is not required to maintain the stored information. Device retains its contents when power is removed. This type of memory typically contains information necessary to boot, configure, or calibrate the product or may include device power up states.

### **User Accessible:**

The component is read and/or write addressable such that a user can store arbitrary information to the component from the host using a publicly distributed NI tool, such as a Driver API, the System Configuration API, or MAX.

### **System Accessible:**

The component is read and/or write addressable from the host without the need to physically alter the product.

### **Clearing:**

Per *NIST Special Publication 800-88 Revision 1*, “clearing” is a logical technique to sanitize data in all User Accessible storage locations for protection against simple non-invasive data recovery techniques using the same interface available to the user; typically applied through the standard read and write commands to the storage device.

### **Sanitization:**

Per *NIST Special Publication 800-88 Revision 1*, “sanitization” is a process to render access to “Target Data” on the media infeasible for a given level of effort. In this document, clearing is the degree of sanitization described.