

# Keysight N8241A and N8242A LXI Arbitrary Waveform Generators

Security Guide

# Memory Information and Procedures

Product: N8241A and N8242A LXI Arbitrary Waveform Generators

Date: 8-26-2015

<b>Memory Type:</b> Volatile Memory SRAM	<b>Memory Size:</b> 1440 MB
<b>Memory Function:</b> Stores current waveform data	
<b>User Modifiable (Y/N):</b> Y	<b>Volatile (Y/N):</b> Y
<b>Memory Erase Processes:</b> Cycle power	

<b>Memory Type:</b> Non Volatile Memory EEPROM	<b>Memory Size:</b> 8 MB
<b>Memory Function:</b> Stores model number, serial number, options, calibration constants, and PCI interface images.	
<b>User Modifiable (Y/N):</b> N	<b>Volatile (Y/N):</b> N
<b>Memory Erase Processes:</b> None, this is not user accessible	

<b>Memory Type:</b> Flash Memory	<b>Memory Size:</b> 16 MB
<b>Memory Function:</b> Stores boot code, firmware image, MAC Address, LAN default settings, and LXI trigger bus default settings.	
<b>User Modifiable (Y/N):</b> N	<b>Volatile (Y/N):</b> N
<b>Memory Erase Processes:</b> None, this is not user accessible	

<b>Memory Type:</b> Volatile Memory SDRAM	<b>Memory Size:</b> 32 MB
<b>Memory Function:</b> LAN settings which include DHCP, Auto IP, IP address, Host name settings, and LXI trigger bus settings.	
<b>User Modifiable (Y/N):</b> Y	<b>Volatile (Y/N):</b> N
<b>Memory Erase Processes:</b> Press RST switch on front panel (using paper clip) to reset LAN settings to default.	

<b>Memory Type:</b> Controller Hard Drive	<b>Memory Size:</b>
<b>Memory Function:</b> Stores Device Drivers, Control Utility, Example Programs, Example Waveforms, Help System, and User Documentation.	
<b>User Modifiable (Y/N):</b> Y	<b>Volatile (Y/N):</b> N
<b>Memory Erase Processes:</b> Uninstall N824x Arbitrary Waveform Generator IVI Drivers and Control Utility. To clear all information from the Controller follow the Memory Erase Process as recommended by the manufacturer of the Controller.	

Select one of the following:

- Sanitization process is documented above
- Sanitization process could be available with engineering resources
- Sanitization process is not possible (i.e. sanitize the product by destruction)



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