

# XEROX<sup>®</sup> Certificate of Volatility

Manufacturer: **Xerox**

Equipment Name: **DocuColor 242/252/260 Digital Copier Unit**

General Description: The DocuColor **242/252/260** Digital Copier Device contains both volatile and nonvolatile memory.

## Copy Controller Board

The Copy Controller Board has the following two volatile memories DRAM & Page Memory. Both these memory locations are used for temporary storage of user data such as data files and images. This user data is not backed up and is lost when the power to the copier is removed.

Band Buffer, DRAM a volatile memory exists also on this board and contains user image data but this data is lost when the power to the copier is removed.

The non-volatile memories on this board are as follow:

1) Flash ROM is strictly used to store the system SW executable (OS, Boot code, Apps code and Fonts). No user image data is stored in this memory location.

2) NVRAM contains unit hardware identification information, system setting, job memory, user management information such as System Administrator and Auditron Administrator passwords and Auditron User Names, and various kinds of logs. System Administrator / Auditron administrator password can be set back to default by initializing sys user. Customers can set these passwords to something other than default. All Auditron information, including account passwords is deleted by initializing sys user<sup>1</sup>. This location has battery back up. The battery can be removed to clear the memory or the whole memory part can be replaced (Part number 160K99202, Price \$175<sup>2</sup>).

3) SEEP ROM has no user data and contains System Setting information.

Note: The Font ROM, a non-volatile location, exists also on this board and is actually hard mounted on the board. No user data is stored in there and this memory is read only.

Additionally the actual Hard Disk is a non-volatile memory where encrypted user image data is written. To clear the hard disk Delete All Data Feature can be used (SA/Diagnostics pathways<sup>3</sup>) or the hard disk can be removed and destroyed (Part Number 068K24451).

## Scanner Board:

The only volatile memory on this board is the Page Memory. This volatile memory is used to store image data temporarily and is completely cleared when AC power is removed from the unit

The other non-volatile memory that exist on this board are:

1- SRAM is a work RAM used to develop the program and Image Quality parameters. No user image data is stored in this memory.

2- Flash ROM is SW for scanner control, Image processing and image quality parameters. No user image data is stored in this memory.

3- EEPROM contains Mode setting information on image processing and control. No user image data is stored in this memory.

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1 Please note Sys Init and replacing the ESS NVM PWB are CSE functions.

2 Customer Pricing is based on quote from Part Marketing Call 100-828-5881

3 Login > System Settings > Common Settings > Maintenance/Diagnostics > DeleteAllData > Start > confirm (Yes)

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## MCU (IOT) Board:

The only Non-volatile on this board is the SRAM. This is a work RAM used to develop program and parameters data stored in the FLASH ROM. No user image data is stored in this memory. These specific memories are not user addressable and thus, there is no need for the user to clear it or any reason to do so.

The Main Controller Unit or IOT board contains 2 non-volatile memories.

- 1) Flash ROM is a non-volatile memory that contains operating system and application executable control code. No user image data is stored in this memory.
- 2) NVMRAM is the last non-volatile memory on the MCU. It has a battery back up and contains no user data and is cleared when power is removed from the copier. This NVM contains no user data but if desired it can be replaced (Part Number 160K95232, Price \$195).

There exists no other memory of information storage devices in this unit other than what is detailed above and all image data on ASICS are cleared at every Power Off/On.

Evaluation and summary of this equipment was completed by the following:

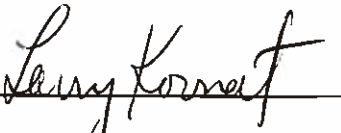
Signature 

Kevin Merritt (Printed name)

Program Manager (Title)

July 10, 2007 (Date)

DC240/250 Program Manager (Job function)

Signature 

Larry Kovnat (Printed name)

Manager (Title)

July 10, 2007 (Date)

Security Program Manager (Job function)