Certificate of Volatility

Manufacturer:	Planar Systems, Inc.
Street Address:	1195 NE Compton Drive
City:	Hillsboro
State:	Oregon 97006
Model Numbers:	LX46U(-L / -P / -V)(-ERO)
	LX46U-3D(-L / -P / -V)(-ERO)
	LX46X(-L / -P / -V)(-ERO)
	LX55U(-L / -P / -V)(-ERO)
	LX55X(-L / -P / -V)(-ERO)
	MX46HDX(-L / -P / -V)(-ERO)
	MX46U(-L / -P / -V)(-ERO)
	MX46X(-L / -P / -V)(-ERO)
	MX55U(-L / -P / -V)(-ERO)
	MX55X(-L / -P / -V)(-ERO)

1. Volatile Memory

Does the item contain volatile memory (i.e. memory whose contents are lost when power is removed)?

Yes.

If the answer is Yes, please provide the following information for each type (use additional sheets if required):

Type (SRAM, DRAM, etc.):	SRAM
Size:	8 Kbytes
User Modifiable (yes or no):	No
Function:	CPU control RAM
Process to Clear:	Cycle Power

2. Non-Volatile Memory

Does the item contain non-volatile memory (i.e. memory whose contents are retained when power is removed)?

Yes.

If the answer is Yes, please provide the following information for each type (use additional sheets if required.)

Type (Flash, EEPROM, etc.): Flash
Size: 64 Kbytes
User modifiable (yes or no): No
Function: CPU control firmware
Process to clear: None

Type (Flash, EEPROM, etc.): EEPROM
Size: 2 Mbits
User modifiable (yes or no): No
Function: Valens CPU control firmware
Process to clear: None

Type (Flash, EEPROM, etc.): EEPROM
Size: 256 Kbits
User modifiable (yes or no): No
Function: Panel Settings
Process to clear: None

Type (Flash, EEPROM, etc.): EEPROM
Size: 128 Kbits
User modifiable (yes or no): No
Function: TCON Settings
Process to clear: None

Type (Flash, EEPROM, etc.): Flash
Size: 64 Mbits
User modifiable (yes or no): No
Function: TCON Settings
Process to clear: None

Type (Flash, EEPROM, etc.): Flash
Size: 64 Mbits
User modifiable (yes or no): No
Function: TCON Local Dimming Data
Process to clear: None
Note: Only present on models with local dimming support

3. Media

Does the item contain media storage capability (i.e., removable or non-removable disk drives, tape drives, memory cards, etc.):

No.

4. Additional Information:

March 2018

Under normal conditions, customer sensitive information is not stored in the non-volatile memory. That memory is used for CPU control software and user setting parameter storage only. If a customer modifies the contents of this storage through a software program, it will render the display non-operational.

All sensitive customer information stored in the frame buffer memory is cleared within seconds after power is removed.

It is therefore not necessary to erase any Flash, EEPROM or DRAM memory in this product before it is released to a non-secure environment.

5.   Vendor Representative Information

Title: General Counsel
Phone: (503) 748-1100
Fax: (503) 748-1244
Email: legal@planar.com