

How to delete files from the internal memory for SDG6000X arbitrary function generators

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SIGLENT SDG arbitrary waveform generators can store a number of arbitrary waveform files in their internal memory.

You can manually delete them using the Store/Recall button on the front panel.

To delete them remotely you can send the following SCPI command:

DEL_STORE_FILE filename.bin

Where *filename.bin* is the filename you wish to remove.

Here is an example where the file *Test1.bin* is deleted using National Instruments Measurement and Automation Explorer (MAX) software and an SDG6 connected via USB to the controlling computer:

First, manually verify the file name by pressing Store/Recall and select Local (C:):

| Addr(C) /Lo | cal | | | | |
|----------------|-----|----------------|--------|--------|-------|
| 🗢 Local(C |):) | 38.1MB / 82.8M | | | |
| 🖹 Test1.bin | | | 38.1MB | | |
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| File Type | | Browse | Recall | Delete | Page |
| Data | | | | | 1/2 🕨 |

NOTE: You can fine waveform files (with file extension *.bin) by sending the command "STL? USER" or checking manually.

Now, send the command:



| 💥 USB0::0xF4EC::0x1101::SDG6XEBX4R0217::INSTR - VISA Interactive Control | - 🗆 X |
|---|---|
| Configuration Input/Output Advanced NI I/O Trace | |
| Basic I/O Line Control USB Control Select or Enter Command DEL_STORE_FILE\sTest1.bin DEL_STORE_FILE\sTest1.bin Write Query Read Read Status Byte Clear View mixed ASCII/hexadecimal 1: Write Operation (DEL_STORE_FILE\sTest1.bin) Return Count: 24 bytes | Return Data Write Operation (DEL_STORE_FILE\sTest1.bin) No Error |
| Copy to Clipboard Clear Buffer | |

Press Store/Recall to refresh the display and note that the file has been removed:

| Addr(C) /Lo | cal | | | | |
|----------------|-----|----------------|--------|--------|-------|
| 🗢 Local(C |):) | 15.0KB / 82.8M | | | |
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| Data | | | | | 1/2 🕨 |



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