

## Revision History

Date	Version	Revision
2018/04/27	*.1.6.1.25R1	<ol style="list-style-type: none"> <li>From ADS version of 6.1.25R1, SDS1004X-E now indicates 5 sections of software versions, including the OS version ID</li> <li>Optimized the update rate for remote computer control .</li> </ol> <p>You don't need to update SDS1004X-E OS if you don't care about these features.</p>
2017/11/16	*.*.*.*	<ol style="list-style-type: none"> <li>Initial formal release of SDS1004X-E. If ADS version is below 6.1.25R1, SDS1004X-E can only show software version of 4 sections, those do not include OS version ID.</li> </ol>

## Compatibility between Versions

Source Version	Object Version	Compatibility
*.0.*.*	*.1.*.*	Yes
*.*.*.*	*.1.*.*	Yes

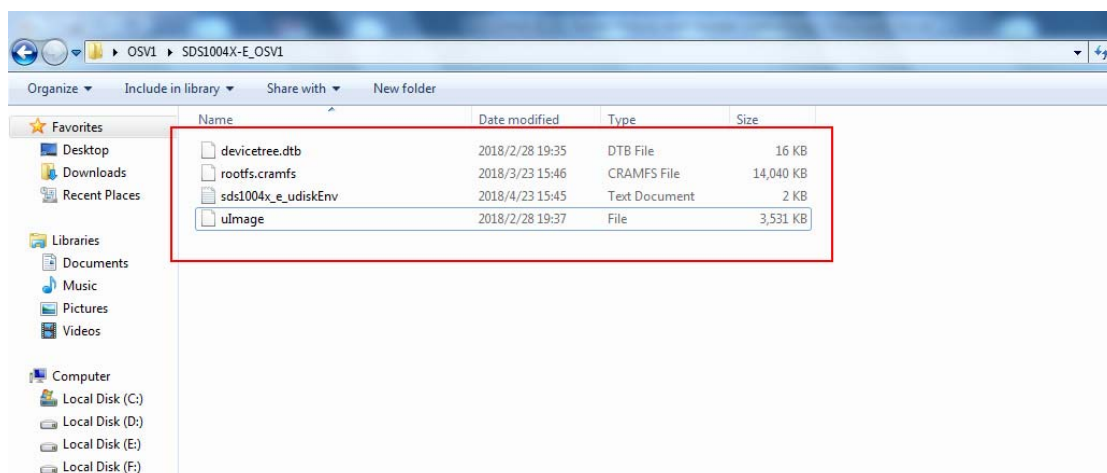
## Update instructions

SDS1004X-E supports updating OS whatever the ADS version is. (**Only for four channels series SDS1004X-E oscilloscope.**)

**To updating OS, the U-disk should be 8G or 32G size.**

### ◆ Update steps:

- Prepare a U-disk (**8G or 32G**) .
- Unzip the file SDS1004X-E\_OSV1.zip, put the update files(include these four files: "devicetree.dtb", "rootfs.cramfs", "sds1004x\_e\_udiskEnv", "ulmage") to the root directory of a U-disk (USB Memory device), these files are as follow:



- c) Turn off the instrument, insert the U-disk and then turn the power on. During the startup, the SDS1004X-E can automatically detect the U-disk and the OS files, then begin to update the OS files.
- d) Wait for the SDS1004X-E to restart and then remove the U-disk
- e) Confirm the OS updated successfully by observing the system information on the scope. If the software version is \*.1.\*.\*, the update was successful. (eg: The "7.1.6.1.25R1" version has updated successfully and the "7.0.6.1.25R1" do not update successfully). To show OS version ID, the SDS1004X-E must have ADS version of  $\geq 6.1.25R1$ .

```
Startup Times:
    44
Software Version:
    7.0.6.1.25 R1  The system before updating.
FPGA Version:
    2018-03-06
Hardware Version:
    00-02
Product Type:
    SDS1104X-E
Serial No.:
    SDSM MBAQ1R0024
```

Press 'Single' key to exit.

```
Startup Times:
    54
Software Version:
    7.1.6.1.25 R1  The system after updating.
FPGA Version:
    2018-03-06
Hardware Version:
    00-02
Product Type:
    SDS1104X-E
Serial No.:
    SDSM MBAQ1R0024
```

Press 'Single' key to exit.

- f) Delete the update files from the U-disk to prevent automatic updates when using the U-disk for other tasks.