

Four channel SDS1X-E Firmware 6.1.26 adds Serial Decoding Table CSV data save feature

August 08, 2019

The four-channel SDS1X-E series firmware 6.1.26 adds the ability to save serial decode data as a CSV formatted file.

You can find the latest firmware here: [SDS1X-E Firmware](#)

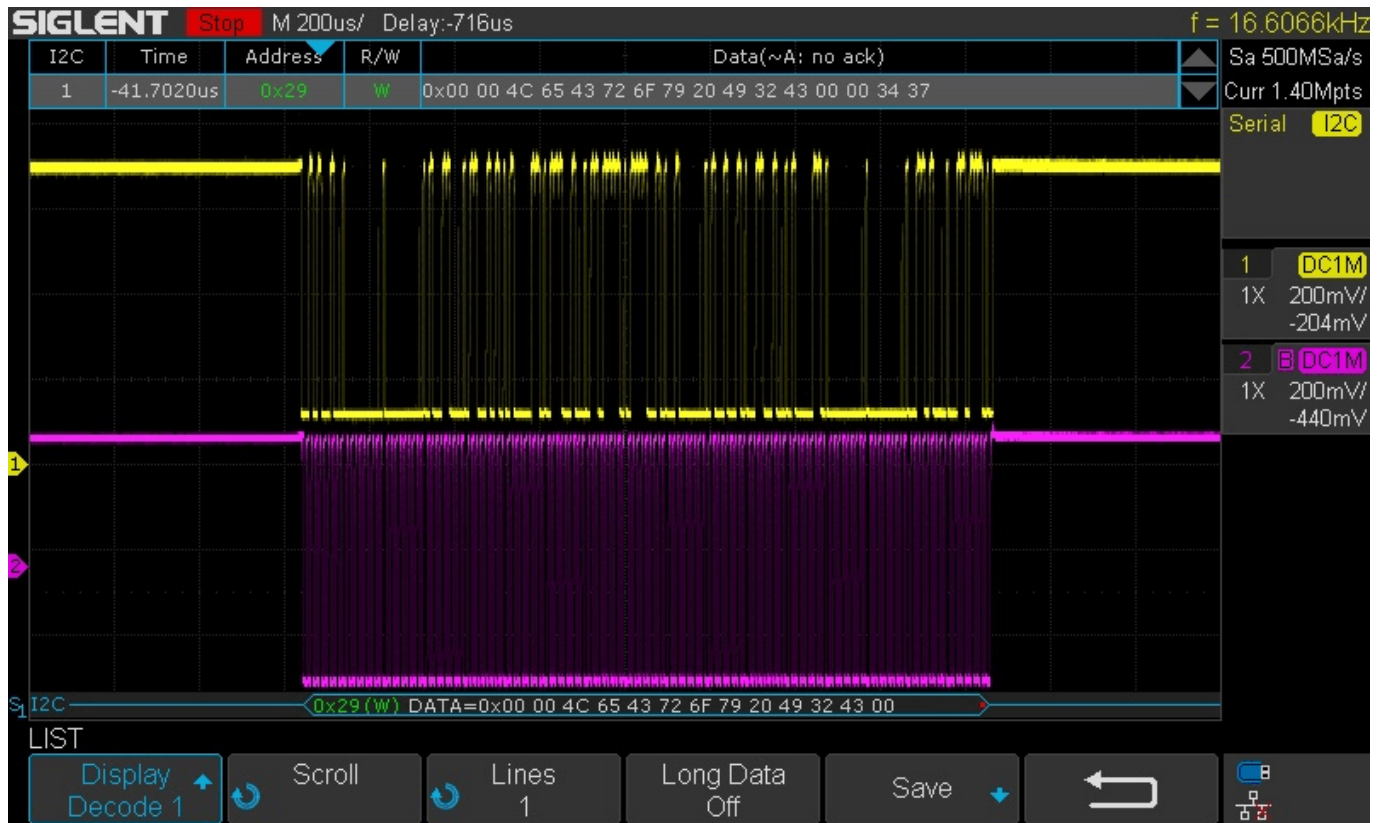
1. Configure SDS1X-E to deliver stable serial decoding on the signal of interest. In this example, we are looking at an I2C signal.

NOTE: Single trigger will freeze the display if you wish to hold the current values on the display.

2. Press Decode > Page 2/2 > List to open up the Decode List menu



3. Configure the list to hold the data set you wish to capture. Each “packet” of data could be 1 or 2 lines.



4. Insert a USB memory device into the front panel and press Save. This will open another dialog box. Press New and the default filename will populate. You can change the name or keep the default. Press "Press To Save" to finish.

SIGLENT Stop M 200us/ Delay:-716us f = 16.6066kHz

I2C	Time	Address	R/W	Data(~A: no ack)
1	-41.7020us	0x29	W	0x00 00 4C 65 43 72 6F 79 20 49 32 43 00 00 34 37

U-disk0/

Please input a valid file name

Name: Decode

0 1 2 3 4 5 6 7 8 9 _ - .

A B C D E F G H I J K L M

N O P Q R S T U V W X Y Z

Sa 500MSa/s
Curr 1.40Mpts
Serial I2C

1 DC1M
1X 200mV/-204mV

2 DC1M
1X 200mV/-440mV

S1 I2C 0x29 (W) DATA=0x00 00 4C 65 43 72 6F 79 20 49 32 43 00

NEW

Directory File Backspace Press To Save

SIGLENT Stop M 200us/ Delay:-716us f = 16.6066kHz

I2C	Time	Address	R/W	Data(~A: no ack)
1	-41.7020us	0x29	W	0x00 00 4C 65 43 72 6F 79 20 49 32 43 00 00 34 37

U-disk0/

- BMP
- PNG
- System Volume Information
- PNG1.png 14.75 KB
- Decode.csv 102 B
- SDS2000X_1.2.2.2R19.ADS 6.84 MB
- SDM3065X_3.01.01.06R2.ADS 8.03 MB
- SDS1002X-E_5.1.3.17R1.ADS 5.68 MB
- SDS1000X_E_1.3.23.ADS 6.16 MB

Saved to file Decode.csv

Sa 500MSa/s
Curr 1.40Mpts
Serial I2C

1 DC1M
1X 200mV/-204mV

2 DC1M
1X 200mV/-440mV

S1 I2C 0x29 (W) DATA=0x00 00 4C 65 43 72 6F 79 20 49 32 43 00

SAVE

New Delete Press To Save



5. Here is a look at the CSV data from this example:

The screenshot shows the Microsoft Excel interface with the following data table:

	A	B	C	D	E	F	G	H	I	J
1	I2C	Time	Address	R/W	Data					
2	1	-41.7020u	0x29	W	0x00 00 4C 65 43 72 6F 79 20 49 32 43 00 00 34 37					
3										
4										
5										
6										
7										





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