

High Speed Data Converter Pro v5.20

File Instrument Options Data Capture Options Test Options Device GUI Options Help

ADC DAC

ADC12DJ5200RF\_JMODE4

Capture

Test Selection

Single Tone

Parameter	Value	Unit
SNR	0	dBFS
SFDR	0	dBFS
THD	0	dBFS
SINAD	0	dBFS
ENOB	0	Bits
Fund.	0	dBFS
Phase	0	Rad
Next Spur	0	dBFS
HD2	0	dBFS
HD3	0	dBFS
HD4	0	dBFS
HD5	0	dBFS
NSDI/Hz	-Inf	dBFS/Hz
		dBFS
M1	0	0.00E+0
M2		5.20E+9

Test Parameters

Auto Calculation of Coherent Frequencies

Analysis Window (samples)

65536

ADC Output Data Rate

10.4G

ADC Input Target Frequency

0.000000000

Trigger Option

Real FFT

Channel 1/1

1/1 Averages

RBW 158691 Hz

Codes

dBFS

Frequency (Hz)

255

0

5000

10000

15000

20000

25000

30000

35000

40000

45000

50000

55000

60000

65000

70000

0.0

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

-90.0

-100.0

-110.0

-120.0

-130.0

0

250M

500M

750M

1G

1.25G

1.5G

1.75G

2G

2.25G

2.5G

2.75G

3G

3.25G

3.5G

3.75G

4G

4.25G

4.5G

4.75G

5G

5.2G

Trigger Option

Trigger Option

Trigger mode enable

Error 1031 occurred at Open VI Reference in TSW1400.lvlib:  
Calculate Lane Rate.vi-> TSW1400.lvlib:Trigger Option.vi  
> TSW1400.lvlib:Frame.vi

Possible reason(s):

LabVIEW: VI Reference type does not match VI connector pane.

VI Path: C:\Program Files (x86)\Texas Instruments\High Speed Data Converter Pro\14J58 Details\Board dll wrappers\14J58\_Calculate Lane Rate.vi

Continue Stop

OK Cancel

Firmware Version = "2.1"

TSW14J58 Board = FT7GM0V1

Interface Type = TSW14J58\_64B66B\_8G\_12G\_IID\_22

Trigger Option

Idle

4/14/2023 2:42:55 PM

Build - 03/08/2021

CONNECTED

Port Number 6640

HARDWARE CO

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TEXAS INSTRUMENTS

About

## High Speed Data Converter Pro

Gui Version: V 5.20

Dll version: 2.0

Firmware Version: 2.0

Patch Version: No Patch Applied

OK

### Supported Devices

- + TSW1400 - ADC
- + TSW1400 - DAC
- + TSW1405 - ADC
- + TSW1406 - DAC
- + TSW14J56 - ADC
- + TSW14J56 - DAC
- + TSW14J10KC705 - ADC
- + TSW14J10KC705 - DAC
- + TSW14J10VC707 - ADC
- + TSW14J10VC707 - DAC
- + TSW14J50 - ADC
- + TSW14J56revD - ADC
- + TSW14J56revD - DAC
- + TSW14J10ZC706 - ADC
- + TSW14J10ZC706 - DAC
- + KCU105 - ADC
- + KCU105 - DAC
- + TSW14J57revD - ADC

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