

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 1
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

Contents

1. Summary	2
1. Summary	3
2. Prerequisite condition	3
3. How to use driver	3
4. Direction for driver use	4
4-1. Sort of Vi	4
4-2. The common input and common output of drivers	10
4-2-1. The common input of driver	10
4-2-2. The common output of driver	10
4-3. Details of VI	11
4-3-1. HIOKI 88Series IDN.vi	11
4-3-2. HIOKI 88Series OPT.vi	12
4-3-3. HIOKI 88Series Reset.vi	13
4-3-4. HIOKI 88Series TST.vi	14
4-3-5. HIOKI 88Series OPC.vi	15
4-3-6. HIOKI 88Series WAI.vi	16
4-3-7. HIOKI 88Series CLS.vi	17
4-3-8. HIOKI 88Series ESE.vi	18
4-3-9. HIOKI 88Series ESR.vi	19
4-3-10. HIOKI 88Series SRE.vi	20
4-3-11. HIOKI 88Series STB.vi	21
4-3-12. HIOKI 88Series ESE0.vi	22
4-3-13. HIOKI 88Series ESR0.vi	23
4-3-14. HIOKI 88Series Start.vi	24
4-3-15. HIOKI 88Series Stop.vi	25
4-3-16. HIOKI 88Series Abort.vi	26
4-3-17. HIOKI 88Series Print.vi	27
4-3-18. HIOKI 88Series Hcopy.vi	28
4-3-19. HIOKI 88Series Feed.vi	29
4-3-20. HIOKI 88Series Function_8826_35_41_42.vi	30
4-3-21. HIOKI 88Series Function_8847.vi	31
4-3-22. HIOKI 88Series Function_8855.vi	32
4-3-23. HIOKI 88Series Conf Tdiv.vi	33
4-3-24. HIOKI 88Series Conf Shot.vi	34
4-3-25. HIOKI 88Series Trig Mode.vi	35
4-3-26. HIOKI 88Series Trig Pretrigger.vi	36
4-3-27. HIOKI 88Series Trig Source.vi	37
4-3-28. HIOKI 88Series Trig Kind_8826_35_41_42.vi	38
4-3-29. HIOKI 88Series Trig Kind_8847.vi	39
4-3-30. HIOKI 88Series Trig Kind_8855.vi	40
4-3-31. HIOKI 88Series Trig Level.vi	41
4-3-32. HIOKI 88Series Trig Slope_8826_35_41_42.vi	42
4-3-33. HIOKI 88Series Trig Slope_8847.vi	43
4-3-34. HIOKI 88Series Trig Slope_8855.vi	44
4-3-35. HIOKI 88Series Trig Detecttime.vi	45
4-3-36. HIOKI 88Series Trig Detectdate.vi	46
4-3-37. HIOKI 88Series Unit Range.vi	47

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 2
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-38.	HIOKI 88Series Unit Coupling.vi.....	48
4-3-39.	HIOKI 88Series Unit Position.vi.....	49
4-3-40.	HIOKI 88Series Unit Sensor_8826_35_41_42.vi	50
4-3-41.	HIOKI 88Series Unit Sensor_8847.vi.....	51
4-3-42.	HIOKI 88Series Unit Sensor_8855.vi.....	52
4-3-43.	HIOKI 88Series Unit Fvmode_8826_35_41_42.vi.....	53
4-3-44.	HIOKI 88Series Unit FRange_8826_35_41_42.vi	54
4-3-45.	HIOKI 88Series Unit Cmode_8826_35_41_42.vi.....	56
4-3-46.	HIOKI 88Series Disp Draw_8826_35_41_42.vi.....	57
4-3-47.	HIOKI 88Series Disp Draw_8847.vi.....	58
4-3-48.	HIOKI 88Series Disp Draw_8855.vi.....	59
4-3-49.	HIOKI 88Series Memo Point.vi.....	60
4-3-50.	HIOKI 88Series Memo Maxpoint.vi	61
4-3-51.	HIOKI 88Series Memo Prepare.vi	62
4-3-52.	HIOKI 88Series Memo Adata.vi.....	63
4-3-53.	HIOKI 88Series Memo Vdata.vi	64
4-3-54.	HIOKI 88Series Memo Getreal.vi	65
4-3-55.	HIOKI 88Series Memo Areal.vi.....	66
4-3-56.	HIOKI 88Series Memo Vreal.vi.....	67
4-3-57.	HIOKI 88Series Memo Bdata.vi.....	68
4-3-58.	HIOKI 88Series Memo Breal.vi.....	69
4-3-59.	HIOKI 88Series Memo Ratio_8847.vi.....	70
4-4.	The VI which is not in the program library.....	71
4-4-1.	HIOKI 88Series Initialize.vi	71
4-4-2.	HIOKI 88Series Close.vi	72
4-4-3.	Wait.vi.....	73
4-4-4.	HIOKI 88Series DEMO_8826_35_41_42.vi	74
4-4-5.	HIOKI 88Series DEMO_8847.vi	78
4-4-6.	HIOKI 88Series DEMO_8855.vi	79

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 3
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

1. Summary

These drives can change the setting of MEMORY HiCORDER and read from MEMORY HiCORDER. These drives are divided into some VI according to function. In this version, These drives can not deal with all control commands of MEMORY HiCORDER INTERFACE.

These drives can control change the setting of 8826,8835,8835-01,8841,8842 MEMORY HiCORDER through GPIB and TCP/IP(LAN).

These drives can control change the setting of 8847 MEMORY HiCORDER through TCP/IP(LAN) and USB[Communication Device Class(CDC)].
(USB communication uses Driver¥8847¥UsbDrv_CommClass.inf in attachment CD of 8847.)

These drives can control change the setting of 8855 MEMORY HiCORDER through TCP/IP(LAN).

2. Prerequisite condition

The following is the prerequisite condition of using these drive

- Knows LabVIEW

3. How to use driver

Searchs for the VI(driver) which deals with the control command of MEMORY HiCORDER from program library, Connects the VISA session opened. Sets the Set/query, It is necessary to select the right parameters when performing setting. It is necessary to set header to OFF when performing querying.

All of the drivers have 2 common inputs and 2 common outputs as the following

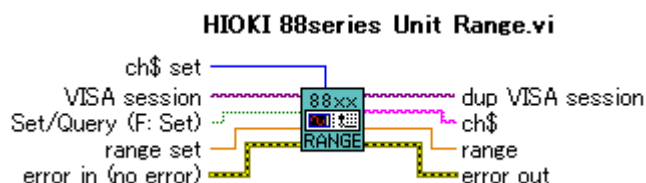
input

VISA session	on the top-left
error in (no error)	on the bottom-left

output

dup VISA session	on the top-right
error out	on the bottom-right

Example: HIOKI8826 Unit Range.vi.



DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 4
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4. Direction for driver use

4-1. Sort of Vi

The following is about drivers which are in program library.

	Name	Function / Communication command
1	HIOKI 88Series IDN.vi	Queries device ID. *IDN?
2	HIOKI 88Series OPT.vi	Queries device option provision. *OPT?
3	HIOKI 88Series Reset.vi	Initializes the unit. *RST
4	HIOKI 88Series TST.vi	Queries the result of ROM/RAM check. *TST?
5	HIOKI 88Series OPC.vi	Replies with ASCII[1] after execution is completed. *OPC *OPC?
6	HIOKI 88Series WAI.vi	After the execution of the command is completed, subsequently performs the following command. *WAI
7	HIOKI 88Series CLS.vi	Clears the status bytes and associated queues(except for the output queue). *CLS
8	HIOKI 88Series ESE.v	Writes or reads the standard event status enable register(SESER). (GP-IB only) *ESE *ESE?
9	HIOKI 88Series ESR.vi	Reads out and clears the contents of the standard even status register(ESR) *ESR?
10	HIOKI 88Series SRE.vi	Writes or reads the service request enable register (SRER). (GP-IB only) *SRE *SRE?

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 5
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

	Name	Function / Communication command
11	HIOKI 88Series STB.vi	Reads the status byte and MSS bit, without performing serial polling *STB
12	HIOKI 88Series ESE0.vi	Writes or reads the event status enable register 0 (ESER0). (GP-IB only) :ESE0 :ESE0?
13	HIOKI 88Series ESR0.vi	Reads event status register 0 (ESR0). :ESR0?
14	HIOKI 88Series Start.vi	Performs starting. (Same as the START key of the unit) :START
15	HIOKI 88Series Stop.vi	Performs stopping. (Same as the STOP key of the unit) :STOP
16	HIOKI 88Series Abort.vi	Aborts processing. :ABORT
17	HIOKI 88Series Print.vi	Performs printing. (Same as the PRINT key of the unit) :PRINT
18	HIOKI 88Series Hcopy.vi	Screen copy function. (Same as the COPY key of the unit) :HCOPY
19	HIOKI 88Series Feed.vi	Feeds printer paper. :FEED
20	HIOKI 88Series Function_8826_35_41_42.vi	Changes or queries the function selection. (for 8835(-01),8826.8841,8842) :FUNCTION
21	HIOKI 88Series Function_8847.vi	Changes or queries the function selection. (for 8847) :FUNCTION
22	HIOKI 88Series Function_8855.vi	Changes or queries the function selection. (for 8855) :FUNCTION
23	HIOKI 88Series Conf Tdiv.vi	Sets or queries the time axis range. :CONFigure:TDIV :CONFigure:TDIV?

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 6
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

	Name	Function / Communication command
24	HIOKI 88Series Conf Shot.vi	Sets or queries the recording length. :CONFigure:SHOT :CONFigure:SHOT?
25	HIOKI 88Series Trig Mode.vi	Sets or queries trigger mode. :TRIGger:MODE :TRIGger:MODE?
26	HIOKI 88Series Trig Pretrigger.vi	Sets or queries pre-trigger. :TRIGger:PRETrig :TRIGger:PRETrig?
27	HIOKI 88Series Trig Source.vi	Sets or queries the trigger logical operator (AND/OR) :TRIGger:SOURce :TRIGger:SOURce?
28	HIOKI 88Series Trig Kind_8826_35_41_42.vi	Sets or queries the kind of trigger. (for 8835(-01),8826.8841,8842) :TRIGger:KIND :TRIGger:KIND?
29	HIOKI 88Series Trig Kind_8847.vi	Sets or queries the kind of trigger. (for 8847) :TRIGger:KIND :TRIGger:KIND?
30	HIOKI 88Series Trig Kind_8855.vi	Sets or queries the kind of trigger. (for 8855) :TRIGger:KIND :TRIGger:KIND?
31	HIOKI 88Series Trig Level.vi	Set or queries the trigger level of the level trigger :TRIGger:LEVEL :TRIGger:LEVEL?
32	HIOKI 88Series Trig Slope_8826_35_41_42.vi	Sets or queries the trigger direction (slope). (for 8835(-01),8826.8841,8842) :TRIGger:SLOPe :TRIGger:SLOPe?
33	HIOKI 88Series Trig Slope_8855.vi	Sets or queries the trigger direction (slope). (for 8855) :TRIGger:SLOPe :TRIGger:SLOPe?
34	HIOKI 88Series Trig Slope_8847.vi	Sets or queries the trigger direction (slope). (for 8847) :TRIGger:SLOPe :TRIGger:SLOPe?

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 7
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

	Name	Function / Communication command
35	HIOKI 88Series Trig Detecttime.vi	Sets or queries the time point for trigger detection. :TRIGger:DETECTTime :TRIGger:DETECTTime?
36	HIOKI 88Series Trig Detectdate.vi	Sets or queries the date for trigger detection. :TRIGger:DETECTDate :TRIGger:DETECTDate?
37	HIOKI 88Series Unit Range.vi	Sets or queries the measurement range of an input channel. (except for F/V unit) :UNIT:RANGe :UNIT:RANGe?
38	HIOKI 88Series Unit Coupling.vi	Sets or queries input coupling for an input channel. :UNIT:COUPling :UNIT:COUPling?
39	HIOKI 88Series Unit Position.vi	Sets or queries input channel origin position. :UNIT:POSItng :UNIT:POSItng?
40	HIOKI 88Series Unit Sensor_8826_35_41_42.vi	Sets or queries the type of the voltage/temperature unit sensor. (for 8835(-01),8826.8841,8842) :UNIT:SENSor :UNIT:SENSor?
41	HIOKI 88Series Unit Sensor_8847.vi	Sets or queries the type of the voltage/temperature unit sensor. (for 8847) :UNIT:SENSor :UNIT:SENSor?
42	HIOKI 88Series Unit Sensor_8855.vi	Sets or queries the type of the voltage/temperature unit sensor. (for 8855) :UNIT:SENSor :UNIT:SENSor?
43	HIOKI 88Series Unit Fvmode_8826_35_41_42.vi	Sets or queries the measurement mode of the F/V unit. (for 8835(-01),8826.8841,8842) :UNIT:FVMODE :UNIT:FVMODE?

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 8
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

	Name	Function / Communication command
44	HIOKI 88Series Unit FRange_8826_35_41_42.vi	Sets or queries the frequency range of the F/V unit. (for 8835(-01),8826.8841,8842) :UNIT:FRANge :UNIT:FRANge?
45	HIOKI 88Series Unit Cmode.vi	Set or queries the measurement mode of the charge unit. (for 8835(-01),8826.8841,8842) :UNIT:CMODE :UNIT:CMODE?
46	HIOKI 88Series Disp Draw_8826_35_41_42.vi	Sets or queries waveform display color. (for 8835(-01),8826.8841,8842) :DISPlay:DRAWing :DISPlay:DRAWing?
47	HIOKI 88Series Disp Draw_8847.vi	Sets or queries waveform display color. (for 8847) :DISPlay:DRAWing :DISPlay:DRAWing?
48	HIOKI 88Series Disp Draw_8855.vi	Sets or queries waveform display color. (for 8855) :DISPlay:DRAWing :DISPlay:DRAWing?
49	HIOKI 88series Memo Point.vi	Sets or queries the point in memory for input/output. :MEMory:POINT :MEMory:POINT?
50	HIOKI 88series Memo Maxpoint.vi	Queries the number of data samples stored. :MEMory:MAXPoint?
51	HIOKI 88series Memo Prepare.vi	Prepares the memory. :MEMory:PREPare
52	HIOKI 88series Memo Adata.vi	Inputs data to memory, or outputs stored data. :MEMory:ADATa :MEMory:ADATa?
53	HIOKI 88series Memo Vdata.vi	Inputs voltage data to memory, or outputs voltage data from memory. :MEMory:VDATa :MEMory:VDATa?

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 9
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

	Name	Function / Communication command
54	HIOKI 88series Memo Getreal.vi	Captures real time data. :MEMory:GETReal
55	HIOKI 88series Memo Areal.vi	Outputs real time data (in ASCII) (for 8835(-01),8826.8841,8842,8855) :MEMory:AREAI?
56	HIOKI 88series Memo Vreal.vi	Outputs real time data (voltage values). :MEMory:VREAI?
57	HIOKI 88series Memo Bdata.vi	Binary transfer of stored data. :MEMory:BDATa?
58	HIOKI 88series Memo Breal.vi	Outputs real time data (binary). (for 8835(-01),8826.8841,8842,8855) :MEMory:BREAI?
59	HIOKI 88series Memo Ratio_8847.vi	Query the ratio and offset coefficients for converting stored data into physical values (for 8847) :MEMory:RATIo?

The following is about other than the drivers which are in program library.



	Name	Function
1	HIOKI 88series Initialize.vi	Opens the VISA session, Initializes the interface or the MEMORY HiCORDER.
2	HIOKI 88series Close.vi	Closes the VISA session.
3	Wait.vi	Sets the waiting time
4	HIOKI 88series DEMO_8826_35_41_42.vi	It is a demo program for 8835(-01),8826.8841,8842 MEMORY HiCORDER
5	HIOKI 88series DEMO_8847.vi	It is a demo program for 8847 MEMORY HiCORDER
6	HIOKI 88series DEMO_8855.vi	It is a demo program for 8855 MEMORY HiCORDER

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	10
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	



4-2. The common input and common output of drivers

All of the drivers have common inputs and outputs. The following is the explanation.

4-2-1. The common input of driver.

Name	Data type	Explanation
VISA Session		VISA session
error in (no error)		The input of error(refer to the manual of LabVIEW to get details). Initialized value: no error.

4-2-2. The common output of driver

Name	Data type	Explanation
dup VISA Session		The copy of VISA session.
error out		The output of error(refer to the manual of LabVIEW to get details).

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 11
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3. Details of VI

4-3-1. HIOKI 88Series IDN.vi

Queries device ID.

HIOKI 88series IDN.vi



Name	Data type	Explanation
Instrument ID		The result of querying the device ID *

- * First field: Manufacturer's name
- Second field: Model name
- Third field: Serial number (not used: 0)
- Fourth field Software version

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 12
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-2. HIOKI 88Series OPT.vi

Queries device option provision.



Name	Data type	Explanation
Option	abc	The result of querying the device option provision *

* 8835(-01),8826.8841,8842 (return unit kind for each channel)

0: NOT PRESENT

1: 8936 ANALOG UNIT

2: 8937 VOLTAGE/TEMPRETURE UNIT

3: 8939 STRAIN UNIT

4: 8938 FFT UNIT

5: 8940 F/V UNIT

6: 8947 CHARGE UNIT

7: 8946 4-CHANNEL UNIT

* 8847 (return unit kind for each unit)

0: NOT PRESENT

1: 8966 ANALOG UNIT

2: 8971 CURRENT UNIT

3: (RESERVE)

4: 8967 TEMP UNIT

5: 8968 HIGH RESOLUTION UNIT

6: 8969 STRAIN UNIT

7: 8970 FREQ UNIT

8: 8972 DC/RMS UNIT

9: 8973 LOGIC UNIT

* 8855 (return unit kind for each channel)

0: NOT PRESENT

1: 8950 ANALOG UNIT

2: 8952 DC/RMS UNIT

3: 8955 F/V UNIT

4: 8954 VOLTAGE/TAMP UNIT

5: 8951 VOLTAGE/CURRENT UNIT

6: 8953 HIGH RESOLUTION UNIT

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 13
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-3. HIOKI 88Series Reset.vi

Initializes the unit.



Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 14
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-4. HIOKI 88Series TST.vi

Queries the result of ROM/RAM check.

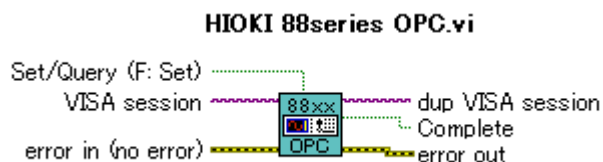




Name	Data type	Explanation
Answer	I32	<p>The result of ROM/RAM check.</p> <p>Output:</p> <p>0: normal</p> <p>1: failure</p>

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 15
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-5. HIOKI 88Series OPC.vi

Replies with ASCII[1] after execution is completed.



Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function. Valid range; False(=set: Default), True(=Query)
Complete		The result of querying Output range: False(=All action has not been completed during execution, or, error) True(=All action has not been completed during execution)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 16
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-6. HIOKI 88Series WALvi

After the execution of the command is completed, subsequently performs the following command.



Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	17
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-7. HIOKI 88Series CLS.vi

Clears the status bytes and associated queues(except for the output queue).



Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 18
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-8. HIOKI 88Series ESE.vi

Writes or reads the standard event status enable register(SESER).
(GP-IB only)



Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function. Valid range; False(=set: Default), True(=Query)
Bits Set		The array of bit for setting Valid range: False(=0), True(=1)
Setted Bits		The result(bit array) of querying the SESER Output range: False(=0) True(=1)
Output Value		The result(value) of querying the SESER Output range: 0 - 255

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 19
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-9. HIOKI 88Series ESR.vi

Reads out and clears the contents of the standard even status register(ESR)



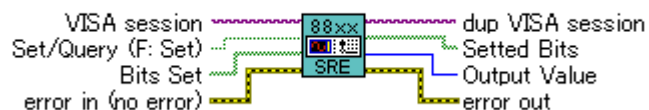
Name	Data type	Explanation
Setted Bits	[TF]	The result(bit array) of querying the SESR Output range: False(=0) True(=1)
Output Value	[I32]	The result(value) of querying the SESR Output range: 0 – 255

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 20
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-10. HIOKI 88Series SRE.vi

Writes or reads the service request enable register (SRER). (GP-IB only)

HIOKI 88series SRE.vi

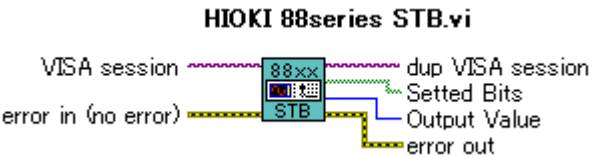


Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function. Valid range; False(=set: Default), True(=Query)
Bits Set		The array of bit for setting Valid range: False(=0), True(=1)
Setted Bits		The result(bit array) of querying the SRER Output range: False(=0) True(=1)
Output Value		The result(value) of querying the SRER Output range: 0 – 255

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	21
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-11. HIOKI 88Series STB.vi

Reads the status byte and MSS bit, without performing serial polling.



Name	Data type	Explanation
Setted Bits	[TF]	The result(bit array) of querying the status byte and MSS Output range: False(=0) True(=1)
Output Value	[I32]	The result(value) of querying the status byte and MSS Output range: 0 – 255

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 22
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-12. HIOKI 88Series ESE0.vi

Writes or reads the event status enable register 0 (ESER0). (GP-IB only)



Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function. Valid range; False(=set: Default), True(=Query)
Bits Set		The array of bit for setting Valid range: False(=0), True(=1)
Setted Bits		The result(bit array) of querying the ESER0 Output range: False(=0) True(=1)
Output Value		The result(value) of querying the ESER0 Output range: 0 - 255

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 23
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-13. HIOKI 88Series ESR0.vi

Reads event status register 0 (ESR0).



Name	Data type	Explanation
Setted Bits	[TF]	The result(bit array) of querying the ESR0 Output range: False(=0) True(=1)
Output Value	[I32]	The result(value) of querying the ESR0 Output range: 0 – 255

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 24
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-14. HIOKI 88Series Start.vi

Performs starting. (Same as the START key of the unit)



Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 25
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-15. HIOKI 88Series Stop.vi

Performs stopping. (Same as the STOP key of the unit)

HIOKI 88series Stop.vi



Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	26
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-16. HIOKI 88Series Abort.vi
Aborts processing.



Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 27
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-17. HIOKI 88Series Print.vi

Performs printing. (Same as the PRINT key of the unit)

HIOKI 88series Print.vi



Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 28
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-18. HIOKI 88Series Hcopy.vi

Screen copy function. (Same as the COPY key of the unit)

HIOKI 88series Hcopy.vi




Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	29
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-19. HIOKI 88Series Feed.vi

Feeds printer paper.



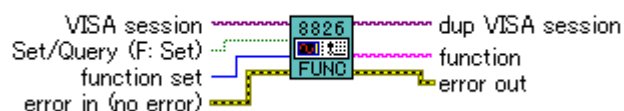
Name	Data type	Explanation
Feed Length		Sets the length of feeding paper. Valid range: 1 – 255 (unit: mm)




DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 30
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-20. HIOKI 88Series Function_8826_35_41_42.vi

Changes or queries the function selection.

HIOKI 88series Function_8826_35_41_42.vi



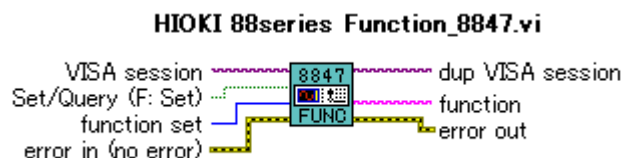
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function. Valid range; False(=set: Default), True(=Query)
function set		Selects the function to change Valid range: 0 (=MEM: Default), 1 (=REC), 2(=RMS), 3 (=R_M), 4 (=FFT)
function		The result of querying the function selection Output: MEM: memory recorder function REC: recorder function RMS: RMS recorder function R_M: recorder and memory function FFT: FFT function




(for 8835(-01),8826.8841,8842)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 31
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-21. HIOKI 88Series Function_8847.vi

Changes or queries the function selection.

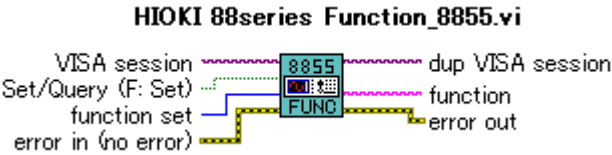


Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function. Valid range; False(=set: Default), True(=Query)
function set		Selects the function to change Valid range: 0 (=MEM: Default), 1 (=REC), 2(=XYC), 3 (=FFT)
function		The result of querying the function selection Output: MEM: memory recorder function REC: recorder function XYC: XYC recorder function FFT: FFT function

(for 8847)

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	32
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-22. HIOKI 88Series Function_8855.vi
Changes or queries the function selection.



Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function. Valid range; False(=set: Default), True(=Query)
function set		Selects the function to change Valid range: 0 (=MEM: Default), 1 (=REC), 2(=POW), 3 (=R_M), 4 (=FFT)
function		The result of querying the function selection Output: MEM: memory recorder function REC: recorder function POW: POWER recorder function R_M: recorder and memory function FFT: FFT function

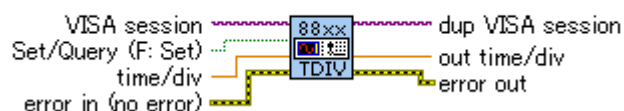
(for 8855)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 33
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-23. HIOKI 88Series Conf Tdiv.vi

Sets or queries the time axis range.

HIOKI 88series Conf Tdiv.vi



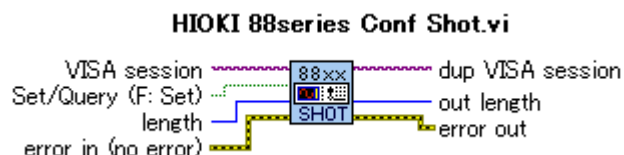
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function. Valid range; False(=set: Default), True(=Query)
time/div		Sets the numerical value of the axis range (unit: s) *
out time/div		The result of querying the time axis range (unit: s)

* If an attempt is made to set the time axis range to a non-permitted value, and there is a range above that value, that range will be selected.

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 34
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-24. HIOKI 88Series Conf Shot.vi

Sets or queries the recording length.

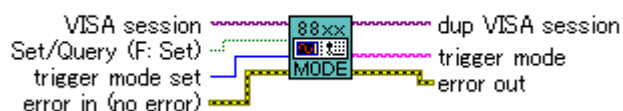





Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function. Valid range; False(=set: Default), True(=Query)
length		Sets the numerical value of the recording length (unit: DIV)
out length		The result of querying the numerical value of the recording length (unit: DIV)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 35
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-25. HIOKI 88Series Trig Mode.vi
Sets or queries trigger mode.

HIOKI 88series Trig Mode.vi



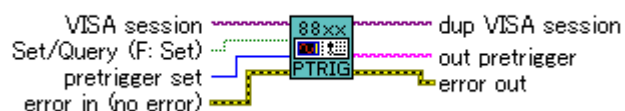
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
trigger mode set		Specifies the trigger mode Valid range: 0 (=SINGLE: Default), 1 (=REPEAT), 2(=AUTO)
trigger mode		The result of querying the trigger mode




DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 36
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-26. HIOKI 88Series Trig Pretrigger.vi

Sets or queries pre-trigger.

HIOKI 88series Trig Pretrigger.vi



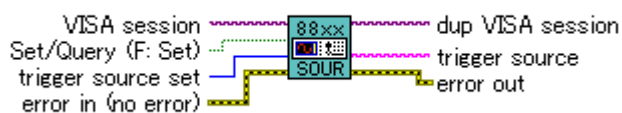
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
pretrigger set		Specifies the pre-trigger value Valid range: 0 (=0: Default), 1 (=2), 2 (=5), 3(=10), 4 (=20), 5 (=30), 6 (=40), 7 (=50) 8 (=60), 9 (=70), 10 (=80), 11 (=90), 12 (=95), 13(=100), 14(=-95) (unit: %)
out pretrigger		The result of querying the pre-trigger (unit : %)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 37
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-27. HIOKI 88Series Trig Source.vi

Sets or queries the trigger logical operator (AND/OR)

HIOKI 88series Trig Source.vi



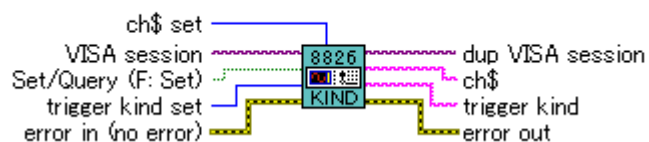
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
trigger source set		Specifies the trigger logical operator (AND/OR) Valid range: 0 (=OR : Default), 1 (=AND)
trigger source		The result of querying the trigger logical operator

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 38
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-28. HIOKI 88Series Trig Kind_8826_35_41_42.vi

Sets or queries the kind of trigger.

HIOKI 88series Trig Kind_8826_35_41_42.vi



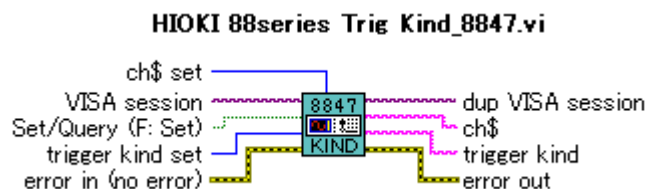
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
trigger kind set		Specifies the kind of trigger Valid range: 0 (=OFF: Default), 1 (=LEVEL), 2 (=IN), 3 (=OUT), 4 (=DROP), 5 (=PERIOD) 6 (=RMS)
ch\$		Specified channel
trigger kind		The result of querying the kind of trigger

(for 8835(-01),8826.8841,8842)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 39
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-29. HIOKI 88Series Trig Kind_8847.vi

Sets or queries the kind of trigger.



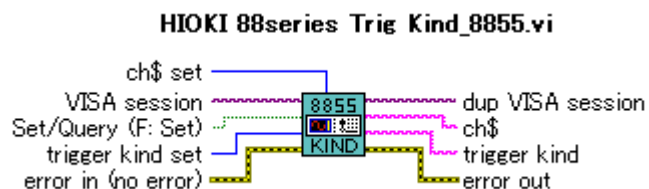
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16)
trigger kind set		Specifies the kind of trigger Valid range: 0 (=OFF: Default), 1 (=LEVEL), 2 (=IN), 3 (=OUT), 4 (=DROP), 5 (=PERIIN), 6 (=PERIOUT), 7 (=GLITCH)
ch\$		Specified channel
trigger kind		The result of querying the kind of trigger

(for 8847)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 40
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-30. HIOKI 88Series Trig Kind_8855.vi

Sets or queries the kind of trigger.



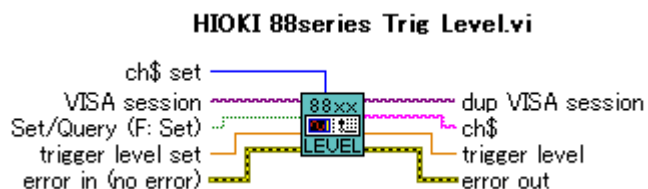
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8)
trigger kind set		Specifies the kind of trigger Valid range: 0 (=OFF: Default), 1 (=LEVEL), 2 (=IN), 3 (=OUT), 4 (=PERIOD), 5 (=GLITCH) 6 (=EVENT)
ch\$		Specified channel
trigger kind		The result of querying the kind of trigger






(for 8855)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 41
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-31. HIOKI 88Series Trig Level.vi

Set or queries the trigger level of the level trigger.

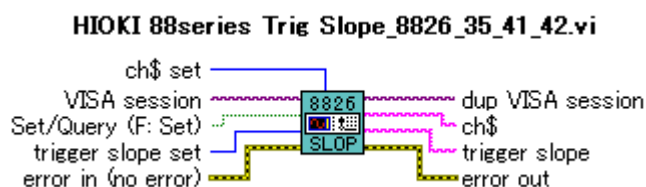







Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
trigger level set		Sets the trigger level (unit: V)
ch\$		Specified channel
trigger level		The result of querying the trigger level (unit: V)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 42
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-32. HIOKI 88Series Trig Slope_8826_35_41_42.vi

Sets or queries the trigger direction (slope).



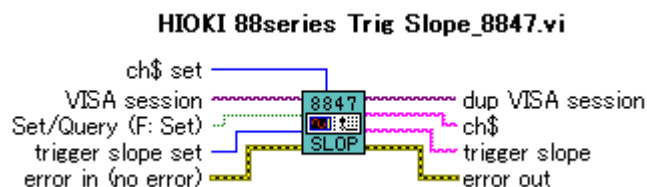
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
trigger slope set		Specifies the kind of trigger slope Valid range: 0 (=UP: Default), 1 (= DOWN)
ch\$		Specified channel
trigger slope		The result of querying the kind of trigger slope






(for 8835(-01),8826.8841,8842)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 43
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-33. HIOKI 88Series Trig Slope_8847.vi

Sets or queries the trigger direction (slope).



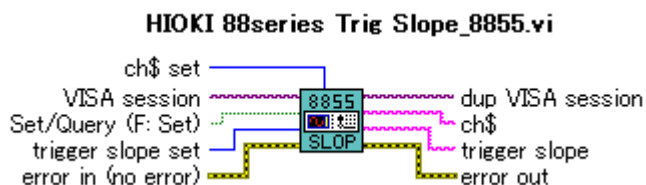
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16)
trigger slope set		Specifies the kind of trigger slope Valid range: 0 (=UP: Default), 1 (= DOWN), 2 (= UPDOWN)
ch\$		Specified channel
trigger slope		The result of querying the kind of trigger slope






(for 8847)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 44
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-34. HIOKI 88Series Trig Slope_8855.vi

Sets or queries the trigger direction (slope).



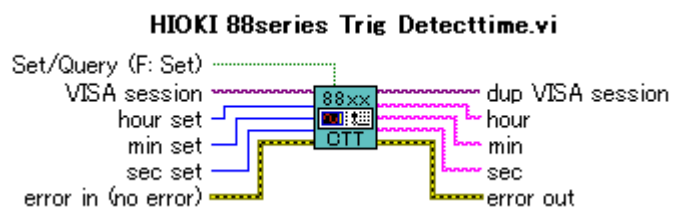
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8)
trigger slope set		Specifies the kind of trigger slope Valid range: 0 (=UP: Default), 1 (= DOWN), 2 (= UPDOWN)
ch\$		Specified channel
trigger slope		The result of querying the kind of trigger slope

(for 8855)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 45
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-35. HIOKI 88Series Trig Detecttime.vi

Sets or queries the time point for trigger detection.

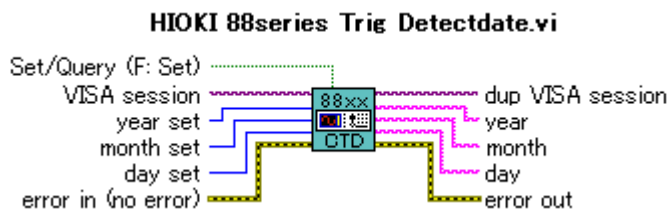


Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
hour set		Specifies the time(hour) for trigger detection Valid range: 0 – 23
min set		Specifies the time(minute) for trigger detection Valid range: 0 – 59
sec set		Specifies the time(second) for trigger detection Valid range: 0 – 59
hour		The result of querying the time(hour) for trigger detection
min		The result of querying the time(minute) for trigger detection
sec		The result of querying the time(second) for trigger detection

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 46
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-36. HIOKI 88Series Trig Detectdate.vi

Sets or queries the date for trigger detection.

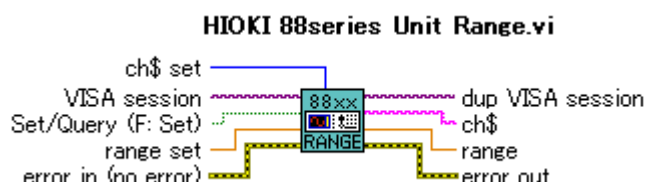


Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
year set		Specifies the date(year) for trigger detection Valid range: 0 – 99
month set		Specifies the date(month) for trigger detection Valid range: 0 – 12
day set		Specifies the date(day) for trigger detection Valid range: 0 – 31
year		The result of querying the date(year) for trigger detection
month		The result of querying the date(month) for trigger detection
day		The result of querying the date(day) for trigger detection

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 47
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-37. HIOKI 88Series Unit Range.vi

Sets or queries the measurement range of an input channel.
(except for F/V unit)

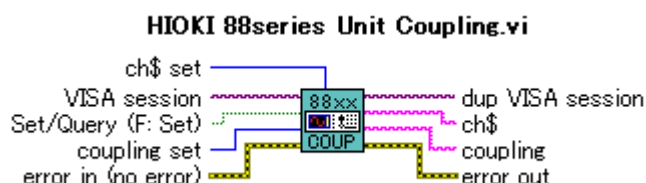


Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
range set		Specifies the measurement range (unit: V、 μ ϵ 、 $^{\circ}$ C)
ch\$		Specified channel
range		The result of querying the measurement range (unit: V、 μ ϵ 、 $^{\circ}$ C)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 48
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-38. HIOKI 88Series Unit Coupling.vi

Sets or queries input coupling for an input channel.

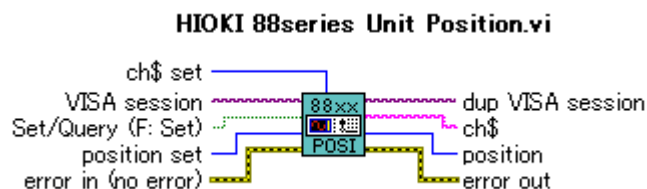


Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
coupling set		Specifies the kind of input coupling Valid range: 0 (=GND: Default), 1 (=DC), 2 (=AC)
ch\$		Specified channel
coupling		The result of querying the kind of coupling

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 49
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-39. HIOKI 88Series Unit Position.vi

Sets or queries input channel origin position.

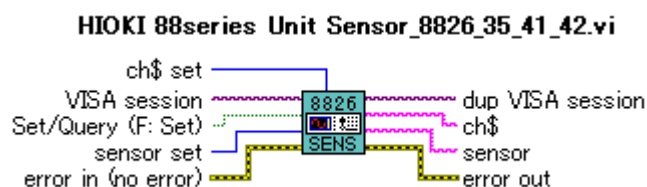


Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
position set		Specifies the input channel origin position (%)
ch\$		Specified channel
position		The result of querying the input channel origin position (%)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 50
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-40. HIOKI 88Series Unit Sensor_8826_35_41_42.vi

Sets or queries the type of the voltage/temperature unit sensor.



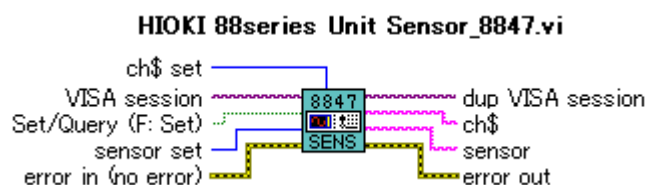
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
sensor set		Specifies the type of sensor Valid range: 0 (=K: Default), 1 (=E), 2 (=J), 3 (=T), 4 (=N), 5 (=R), 6 (=S), 7 (=B), 8 (=OFF)
ch\$		Specified channel
sensor		The result of querying the type of sensor

(for 8835(-01),8826.8841,8842)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 51
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-41. HIOKI 88Series Unit Sensor_8847.vi

Sets or queries the type of the voltage/temperature unit sensor.



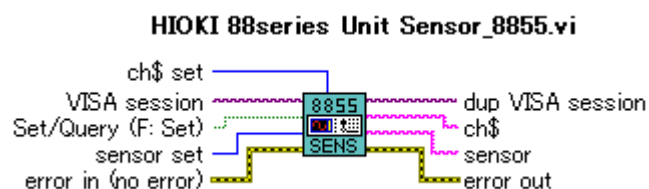
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16),
sensor set		Specifies the type of sensor Valid range: 0 (=K: Default), 1 (=J), 2 (=E), 3 (=T), 4 (=N), 5 (=R), 6 (=S), 7 (=B), 8 (=W)
ch\$		Specified channel
sensor		The result of querying the type of sensor






(for 8847)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 52
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-42. HIOKI 88Series Unit Sensor_8855.vi

Sets or queries the type of the voltage/temperature unit sensor.



Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9)
sensor set		Specifies the type of sensor Valid range: 0 (=OFF: Default), 1 (=K), 2 (=J), 3 (=E), 4 (=T), 5 (=N), 6 (=R), 7 (=S), 8 (=B), 9 (=W)
ch\$		Specified channel
sensor		The result of querying the type of sensor

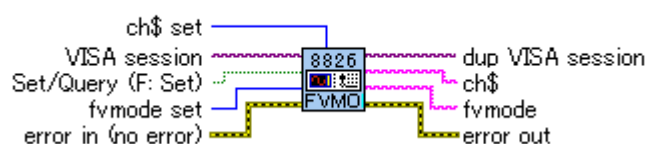
(for 8855)






DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 53
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-43. HIOKI 88Series Unit Fvmode_8826_35_41_42.vi

Sets or queries the measurement mode of the F/V unit.

HIOKI 88series Unit Fvmode 8826_35_41_42.vi



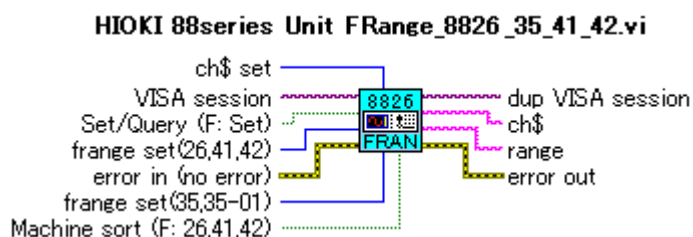
Name	Data type	Explanation
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
fvmode set		Specifies the kind of mode Valid range: 0 (=FREQ: Default), 1 (=count), 2 (=DUTY), 3 (=VOLT), 4 (=CURRent)
ch\$		Specified channel
fvmode		The result of querying the kind of mode

(for 8835(-01),8826.8841,8842)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 54
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-44. HIOKI 88Series Unit FRange_8826_35_41_42.vi





Sets or queries the frequency range of the F/V unit.



Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
frange set(26.41.42)		Specifies the range (in the case of 8826/8841/8842) Valid range: 0 (=0.05HZ: Default), 1 (=0.1HZ), 2 (=0.5HZ), 3 (=1HZ), 4 (=5HZ), 5 (=10HZ), 6 (=50HZ), 7 (=100HZ), 8 (=500HZ), 9 (=1KHZ), 10 (=5KHZ), 11 (=5RPM), 12 (=10RPM), 13 (=50RPM), 14 (=100RPM), 15(=500RPM), 16 (=P50HZ), 17 (=P60HZ)

To be continued.

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 55
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

Name	Data type	Explanation
frange set(35.35-01)		Specifies the range (in the case of 8835/8835-01) Valid range: 0 (=0.1HZ: Default), 1 (=0.2HZ), 2 (=1HZ), 3 (=2HZ), 4 (=10HZ), 5 (=20HZ), 6 (=100HZ), 7 (=200HZ), 8 (=1KHZ), 9 (=2KHZ), 10 (=10KHZ), 11 (=10RPM), 12 (=20RPM), 13 (=100RPM), 14 (=200RPM), 15(=1KRPM), 16 (=P50HZ), 17 (=P60HZ)
Machine sort(F: 26.41.42)		Specifies the kind of machine Valid range: False (=8826,8841,8842: Default) True (=8835,8835-01)
ch\$		Specified channel
frange		The result of querying the range

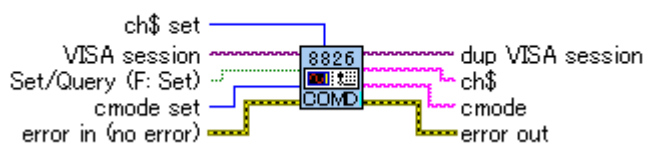
(for 8835(-01),8826.8841,8842)






DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 56
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-45. HIOKI 88Series Unit Cmode_8826_35_41_42.vi

Set or queries the measurement mode of the charge unit.

HIOKI 88series Unit Cmode_8826_35_41_42.vi



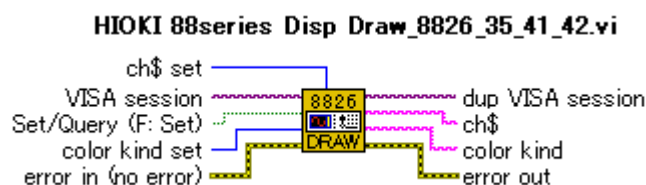
Name	Data type	Explanation
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
Cmode set		Specifies the mode Valid range: 0 (=VOLT: Default), 1 (=CHARGE), 2 (=PREAMP)
ch\$		Specified channel
Cmode		The result of querying the mode






(for 8835(-01),8826.8841,8842)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 57
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-46. HIOKI 88Series Disp Draw_8826_35_41_42.vi

Sets or queries waveform display color.



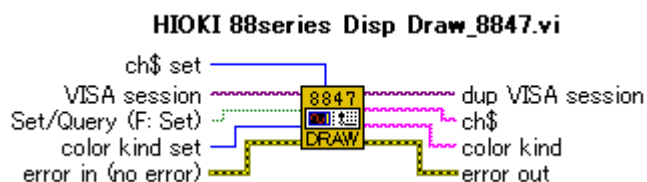
Name	Data type	Explanation
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
color kind set		Specifies the waveform display color Valid range: 0 (=OFF: Default), 1 (=C1), 2 (=C2), 3 (=C3), 4 (=C4), 5 (=C5), 6 (=C6), 7 (=C7), 8 (=C8), 9 (=C9), 10 (=C10), 11 (=C11), 12 (=C12)
ch\$		Specified channel
color kind		The result of querying the waveform display color






(for 8835(-01),8826.8841,8842)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 58
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-47. HIOKI 88Series Disp Draw_8847.vi

Sets or queries waveform display color.



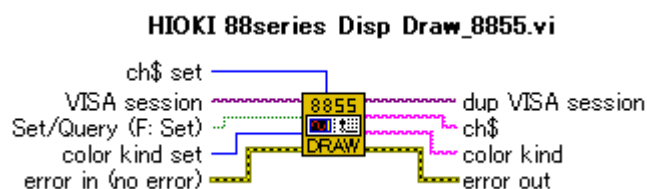
Name	Data type	Explanation
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16)
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
color kind set		Specifies the waveform display color Valid range: 0 (=OFF: Default), 1 (=C1), 2 (=C2), 3 (=C3), 4 (=C4), 5 (=C5), 6 (=C6), 7 (=C7), 8 (=C8), 9 (=C9), 10 (=C10), 11 (=C11), 12 (=C12) 13 (=C13), 14 (=C14), 15 (=C15), 16 (=C1),
ch\$		Specified channel
color kind		The result of querying the waveform display color






(for 8847)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 59
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-48. HIOKI 88Series Disp Draw_8855.vi

Sets or queries waveform display color.



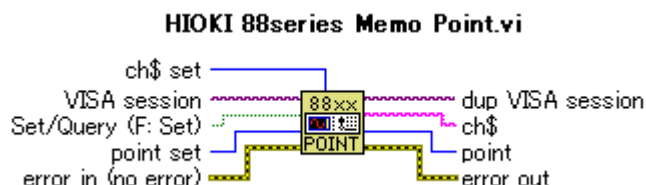
Name	Data type	Explanation
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8)
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
color kind set		Specifies the waveform display color Valid range: 0 (=OFF: Default), 1 (=C1), 2 (=C2), 3 (=C3), 4 (=C4), 5 (=C5), 6 (=C6), 7 (=C7), 8 (=C8), 9 (=C9), 10 (=C10), 11 (=C11), 12 (=C12)
ch\$		Specified channel
color kind		The result of querying the waveform display color

(for 8855)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 60
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-49. HIOKI 88Series Memo Point.vi

Sets or queries the point in memory for input/output.



Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function Valid range; False(=set: Default), True(=Query)
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32) 32 (=CHA), 33 (=CHB), 34 (=CHC), 35 (=CHD), 36 (=CHE), 37 (=CHF), 38 (=CHG), 39 (=CHH) CH1- CH4, CHA -CHD (8835) CH1- CH8, CHA -CHD (8835-01) CH1- CH32, CHA -CHD (8826) CH1- CH16, CHA -CHD (8841,8842)
point set		Specifies the number of points in memory for input/output. (can be set only to a value less than that returned by the HIOKI 88series Memo Maxpoint.vi)
ch\$		Specified channel
point		The result of querying the point in memory for input/output.

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 61
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-50. HIOKI 88Series Memo Maxpoint.vi

Queries the number of data samples stored.



Name	Data type	Explanation
point		The result of querying the number of data samples stored

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	62
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-51. HIOKI 88Series Memo Prepare.vi

Prepares the memory.

HIOKI 88series Memo Prepare.vi

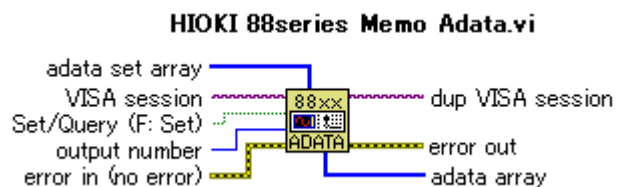


Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 63
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-52. HIOKI 88Series Memo Adata.vi

Inputs data to memory, or outputs stored data.



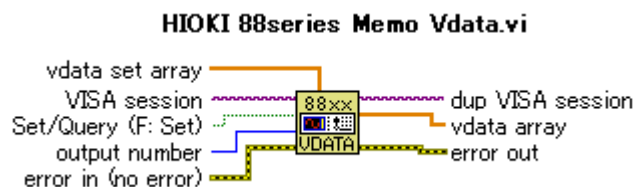
Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function * Valid range; False(=set: Default), True(=Query)
adata set array		Sets the data(1D) for inputting to memory Valid range: -2048 - 2047
output number		The number of data to output Valid range: 1 - 80
adata array		The output of stored data *2

* Refer to MEMORY HiCORDER manual to get details.

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 64
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-53. HIOKI 88Series Memo Vdata.vi

Inputs voltage data to memory, or outputs voltage data from memory.



Name	Data type	Explanation
Set/Query(F:Set)		Selects the setting or the querying function *1 Valid range; False(=set: Default), True(=Query)
vdata set array		Sets the data(1D) for inputting to memory (unit: V、 μ ε、°C)
output number		The number of voltage data to output Valid range: 1– 40(8835(–01),8826.8841,8842) Valid range: 1– 80(8847,8855)
vdata array		The output of voltage data from memory

*1 Refer to MEMORY HiCORDER manual to get details.

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	65
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

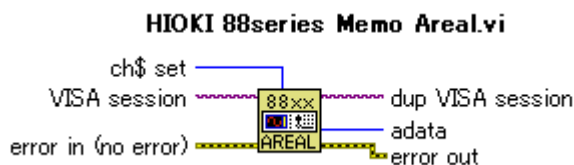
4-3-54. HIOKI 88Series Memo Getreal.vi
Captures real time data.



Name	Data type	Explanation
		There is no input and output except common inputs and common outputs

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 66
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-55. HIOKI 88Series Memo Areal.vi
Outputs real time data (in ASCII)



Name	Data type	Explanation
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
adata		The output of real time data

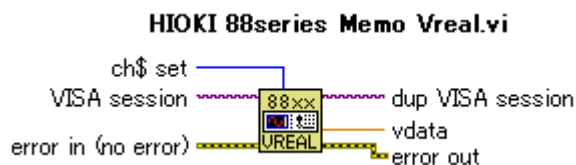
* When the [Captures real time data.] command is not executed before this command,
the returned value is not fixed.



(for 8835(-01),8826.8841,8842,8855)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 67
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-56. HIOKI 88Series Memo Vreal.vi

Outputs real time data (voltage values).



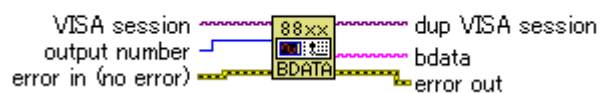
Name	Data type	Explanation
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
vdata		The output of real time data (unit: V、 μ V、 $^{\circ}$ C)

* When the [Captures real time data.] command is not executed before this command,
the returned value is not fixed.

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 68
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-57. HIOKI 88Series Memo Bdata.vi
Binary transfer of stored data.

HIOKI 88series Memo Bdata.vi

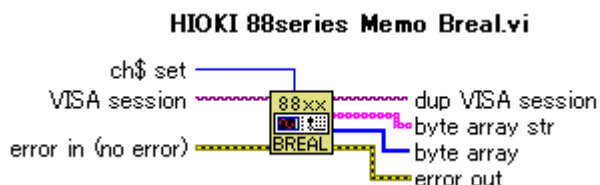





Name	Data type	Explanation
output number		The number of stored data to output Valid range: 1– 200
bdata		The output (#0.....LF(EOI))

* Refer to MEMORY HiCORDER manual to get details.

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 69
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-58. HIOKI 88Series Memo Breal.vi
Outputs real time data (binary).



Name	Data type	Explanation
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16), 16 (=CH17), 17 (=CH18), 18 (=CH19), 19 (=CH20), 20 (=CH21), 21 (=CH22), 22 (=CH23), 23 (=CH24), 24 (=CH25), 25 (=CH26), 26 (=CH27), 27 (=CH28), 28 (=CH29), 29 (=CH30), 30 (=CH31), 31 (=CH32)
byte array str		The output (2byte, all bite)
byte array		The output (2byte)

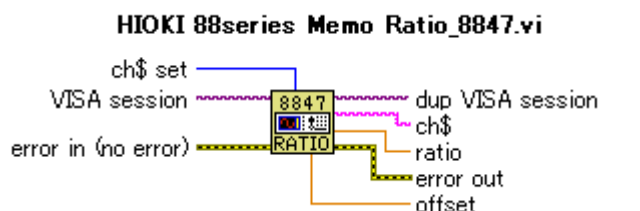
* Refer to MEMORY HiCORDER manual to get details.

(for 8835(-01),8826.8841,8842,8855)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 70
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-3-59. HIOKI 88Series Memo Ratio_8847.vi

Query the ratio and offset coefficients for converting stored data into physical values



Name	Data type	Explanation
ch\$ set		Specifies the channel Valid range: 0 (=CH1: Default), 1 (=CH2), 2 (=CH3), 3 (=CH4), 4 (=CH5), 5 (=CH6), 6 (=CH7), 7 (=CH8), 8 (=CH9), 9 (=CH10), 10 (=CH11), 11 (=CH12), 12 (=CH13), 13 (=CH14), 14 (=CH15), 15 (=CH16)
ch\$		Specified channel
ratio		Ratio
offset		Offset

(for 8847)

HIOKI 88series Memo Adata.vi The coefficient to convert the data acquired in the command into the physical value is returned.

The equation used to convert the data into physical values is:

$$(\text{Physical value}) = \text{ratio} * (\text{Data}) + \text{offset}$$

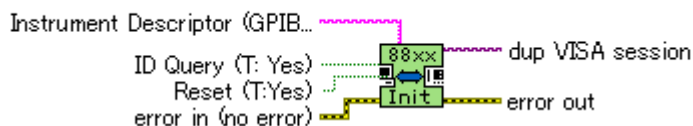
DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 71
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	




4-4. The VI which is not in the program library.

4-4-1. HIOKI 88Series Initialize.vi

Opens the VISA session, Initializes the interface or the MEMORY HiCORDER.

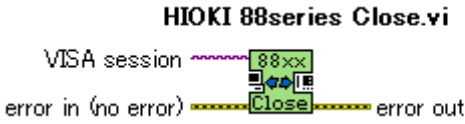
HIOKI 88series Initialize.vi



Name	Data type	Explanation
dup VISA session error in error out		The inputs and output are the same as the ones of the VI which is in the program library.
Instrument Descriptor (GPIP...		Specifies the resource name of unit. The form: GPIB: GPIB[board number]::primary address[::secondary address][::INSTR] TCP/IP TCPIP[number]::ip address::port number::SOCKET USB COM[number]
ID Query		Identifies the ID of unit. Valid range: False, True(Default).
Reset		Resets the unit. Valid range: False, True(Default).

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	72
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-4-2. HIOKI 88Series Close.vi
Closes the VISA session.




Name	Explanation
dup VISA session error in error out	The inputs and output are the same as the ones of the VI which is in the program library.

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	73
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-4-3. Wait.vi

Sets the waiting time.



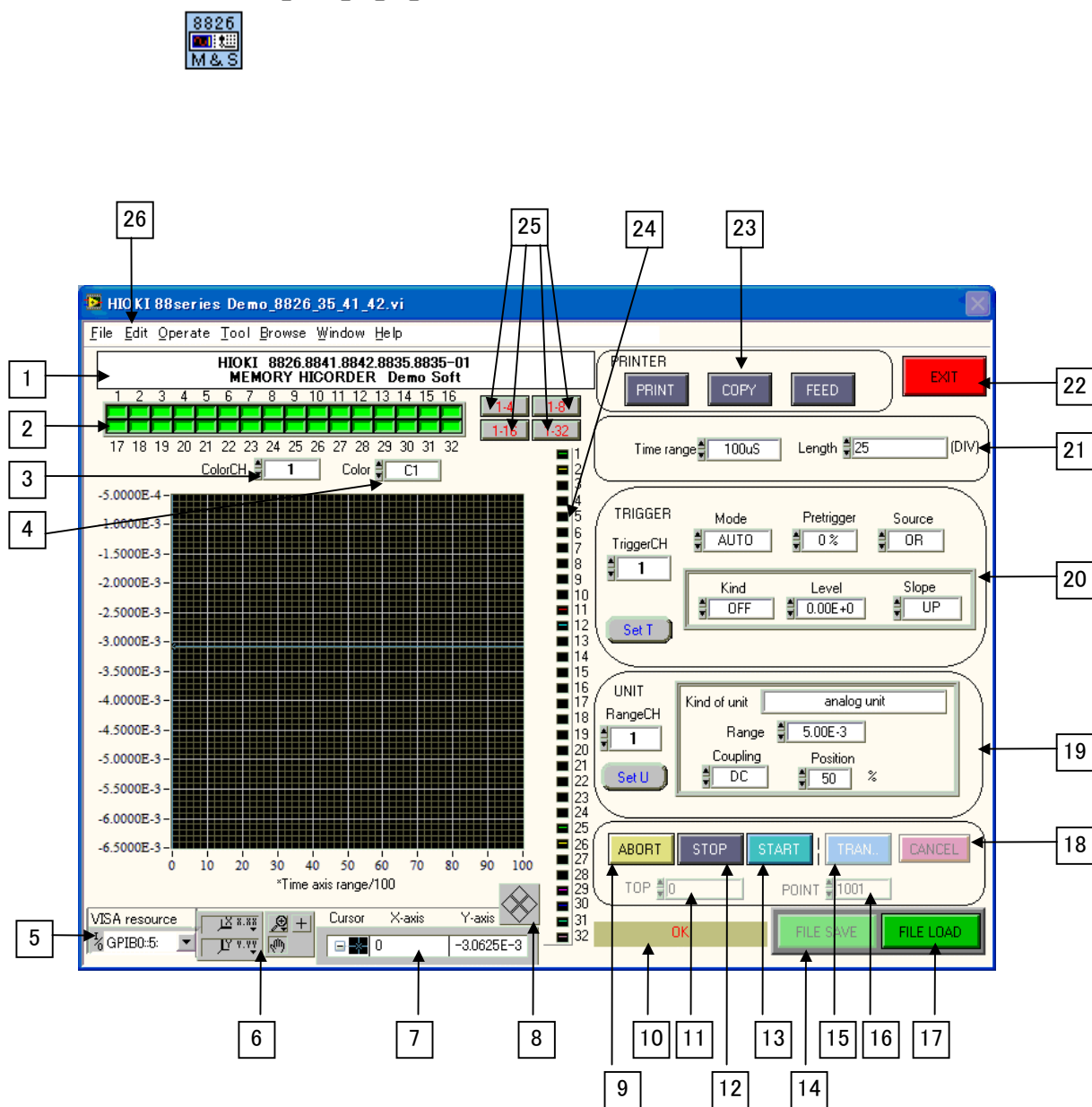
Name	Data type	Explanation
times(ms)		Specifies the waiting time (unit: ms)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 74
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-4-4. HIOKI 88Series DEMO_8826_35_41_42.vi

It is a demo program for 8835(-01),8826.8841,8842 MEMORY HiCORDER

HIOKI 88series Demo_8826_35_41_42.vi



DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 75
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

No	Function
1	It is a title.
2	1. Specified the channels from which the data will be transmitted. 2. Shows the channels when the saved data were read note: The channel whose input unit is not present can not be specified.
3	Specifies the channel. (wave color only)
4	Shows or sets the color of wave.
5	Sets the GPIB or TCPIP(LAN)
6	Changes the graph (enlargement, and so on) Note: It is a standard function of LabVIEW
7	Sets the kind of cursor, and so on. Note: It is a standard function of LabVIEW.
8	Moves the cursor. Note: It is a standard function of LabVIEW.
9	Aborts processing
10	Shows the performing condition of this program.
11	Sets start point for transmitting
12	Performs stopping (Same as the STOP key of the unit).
13	Performs starting (Same as the START key of the unit).
14	Saves data in a file. Note: It is invalid when there is no data in the graph.
15	Transmits data
16	Set the transmitting points of data
17	Reads saved data from a file.
18	Cancels transmission.
19	Sets and queries items about channel. (1) RangeCH: Specified the channel. (2) Kind of unit: Shows the kind of unit. (3) Range: Shows and Specifies voltage axis range. (Unit: V, μ ε , °C, Refer to 8835(-01),8826.8841,8842 MEMORY HiCORDER manual to get details.) (4) FRange: Shows and specifies frequency range of the F/V unit. (5) Fvmode: Shows and specifies the measurement mode of F/V unit. (6) Cmode: Shows and specifies the measurement mode of charge unit. (7) Coupling: Shows and specifies the channel coupling. (8) Position: Shows and specifies the origin position the channel. (9) Sensor: Shows and specifies the type of the voltage/temperature unit sensor. (10)Set U: Sets the (3)–(9) items (It is necessary to press the Set U button if the (3)–(9) items have been specified.)

DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 76
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

20	<p>Sets and queries items about trigger.</p> <p>(1) TriggerCH: Specified the channel.</p> <p>(2) Mode: Shows and sets the trigger mode.</p> <p>(3) Pretrigger: Shows and sets the pre-trigger.</p> <p>(4) Source: Shows and sets the trigger logical operator.</p> <p>(5) Sort: Shows and specifies the kind of trigger.</p> <p>(6) Level: Shows and specifies the trigger level of the level trigger. (Unit: V,°C, Refer to 8835(-01),8826.8841,8842 MEMORY HiCORDER manual to get details.</p> <p>(7) Slope: Shows and specifies the trigger slope</p> <p>(8) Set T: Sets the (5)–(7) items (It is necessary to press the Set T button if the (5)–(7) items have been specified.)</p>
21	<p>(1) Time range: Shows and sets the time axis range.</p> <p>(2) Length: Shows and sets recording length.</p>
22	Exits this program
23	<p>(1) PRINT: Performs printing(Same as the PRINT key of the unit).</p> <p>(2) COPY: Copies the screen(Same as the COPY key of the unit).</p> <p>(3) FEED: Feeds printer paper</p>
24	<p>Sets the color of wave, and so on.</p> <p>Note: It is a standard function of LabVIEW</p>
25	<p>(1) 1–4: Sets channels(No1) to be valid from 1 to 4.</p> <p>(2) 1–8: Sets channels(No1) to be valid from 1 to 8.</p> <p>(3) 1–16: Sets channels(No1) to be valid from 1 to 16.</p> <p>(4) 1–32: Sets channels(No1) to be valid from 1 to 32.</p>
26	<p>It is a menu</p> <p>Note: It is a standard function of LabVIEW</p>

DOCUMENT No.	TITLE	PAGE
	8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	77
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

The process of transmitting data from unit.

1. Opens the HIOKI 88Series DEMO_8826_35_41_42.vi.
2. Sets the GPIB or TCPIP(LAN) address.
3. Runs the HIOKI 88Series DEMO_8826_35_41_42.vi.
4. Sets necessary items for 8826/8841/8842/8835/8835-01 MEMORY HiCORDER.
5. Sets transmitting channel.
6. Presses the START button and Presses the STOP button, then presses the TRAN. Button.

Note:

It is necessary that the memory of computer is more than 32 M bytes.

Closes the other applications before running HIOKI 88Series DEMO_8826_35_41_42.vi.

The maximum transmitting points of data is set to 2501 for avoiding swapping.

The minimum transmitting points of data is 2.

It is necessary to set the header to OFF before running HIOKI 88Series DEMO_8826_35_41_42.vi

All the button are invalid except for FILE LOAD button/FILE SAVE button/EXIT button, when there is a error in communication.

All the button are invalid except for CANNEL button, when the No10 is displaying "Transmitting".

All the button are invalid except for ABORT button/STOP button/EXIT button, when the No10 is displaying "Storing".

The FILE SAVE button is invalid when there is no data in the graph.

It can be aborted if the Ctrl key and the . key are pressed at the same time.

It is necessary to close LabVIEW then perform 1-6 if the HIOKI 88Series DEMO_8826_35_41_42.vi is aborted or the VISA of LabVIEW is in error, before running the HIOKI 88Series DEMO_8826_35_41_42.vi again.

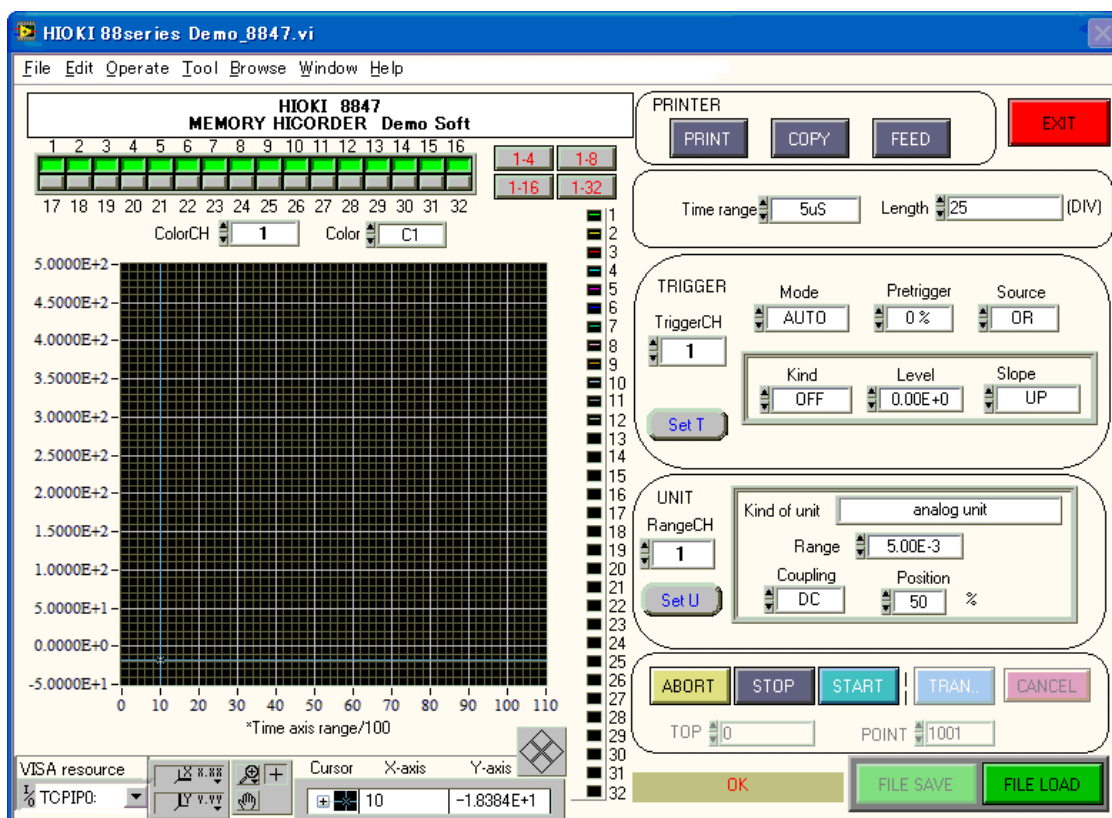
DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 78
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-4-5. HIOKI 88Series DEMO_8847.vi

It is a demo program for 8847 MEMORY HiCORDER

(Please refer to HIOKI 88series DEMO_8826_35_41_42.vi for the manner of operation etc. However, commands 8826 special are not used in 8847. It is possible to use it only up to 16 channels in 8847) (As for 8847, COM that ties TCP/IP (LAN) and USB "Communication Device Class(CDC)" can be selected as VISA resource.)

HIOKI 88series Demo 8847.vi



DOCUMENT No.	TITLE 8826,8835,8835-01,8841,8842,8847,8855MEMORY HiCORDER	PAGE 79
BACKGROUND	HIOKI 88Series Labview Driver Manual (English)	

4-4-6. HIOKI 88Series DEMO_8855.vi

It is a demo program for 8855 MEMORY HiCORDER

(Please refer to HIOKI 88series DEMO_8826_35_41_42.vi for the manner of operation etc. However, commands 8826 special are not used in 8855. It is possible to use it only up to eight channels in 8855) (As for 8855, GPIB and TCP/IP (LAN) can be selected as VISA resource.)

HIOKI 88series Demo_8855.vi

