

Quick Start Guide

Version:1.1

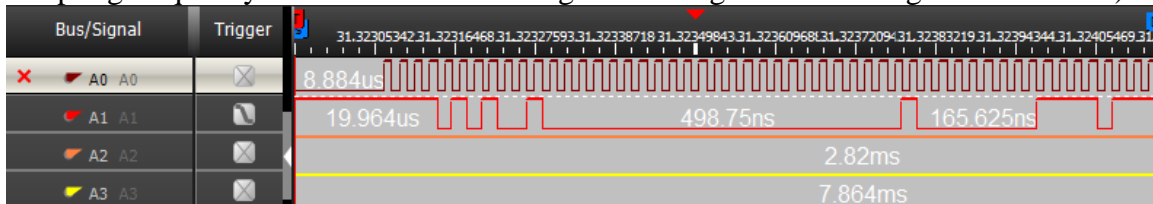


For BUS ExpertII

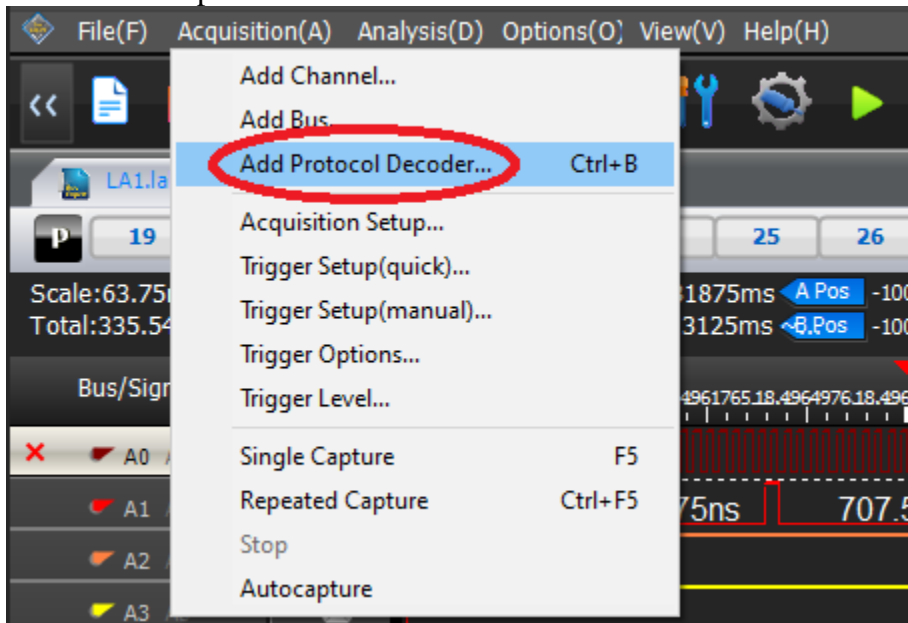
*eMMC

Operating Instructions(Logic Analyzer Mode)

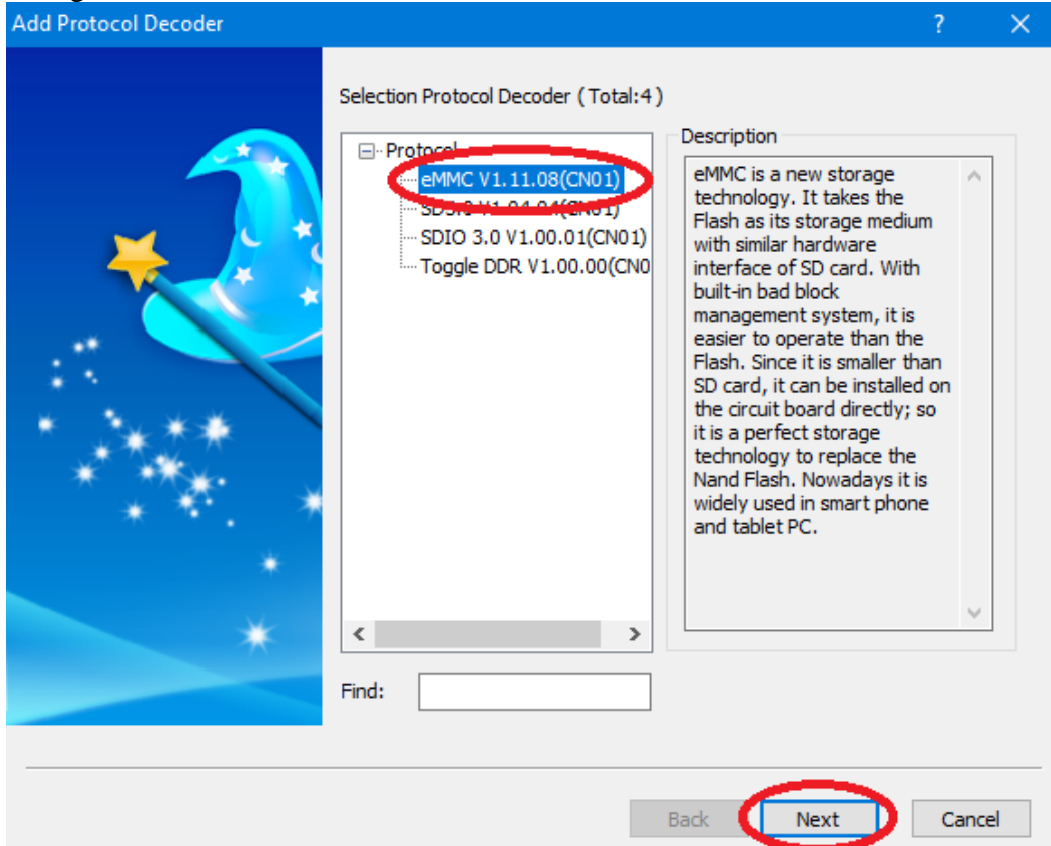
STEP 1. Following pictures show the completion of the capture waveform.
Set Trigger condition, Trigger Level, the Memory depth and the Sampling frequency(the sampling frequency should be more than eight times higher than the signal to be tested).



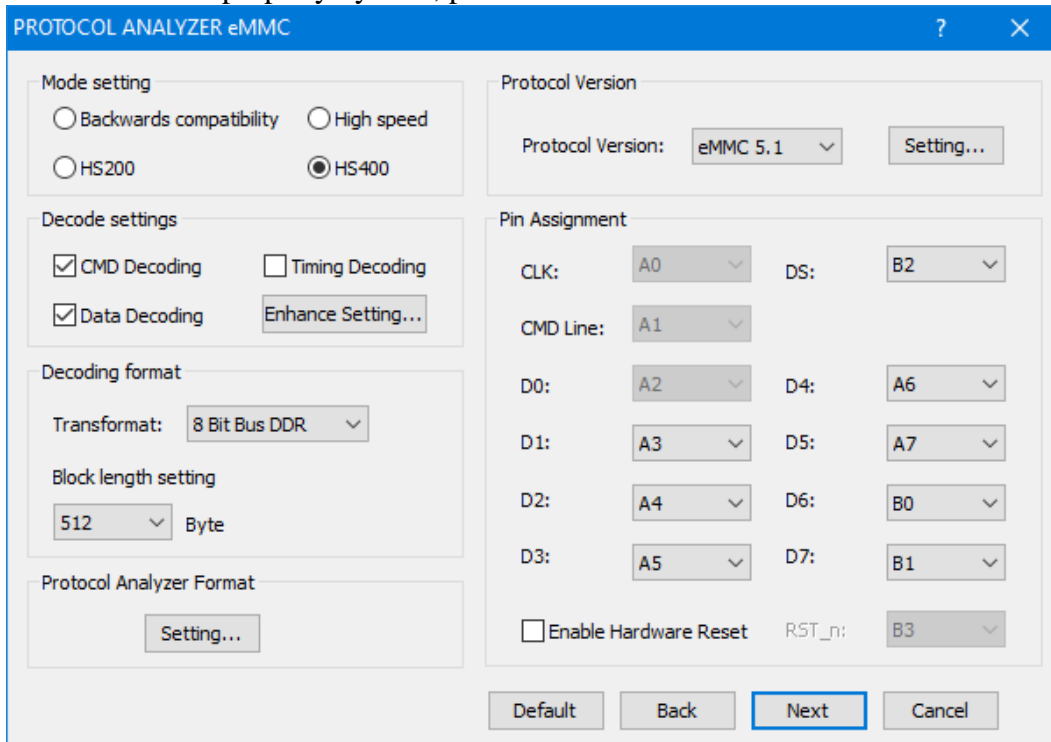
STEP 2. Add protocol decoder function



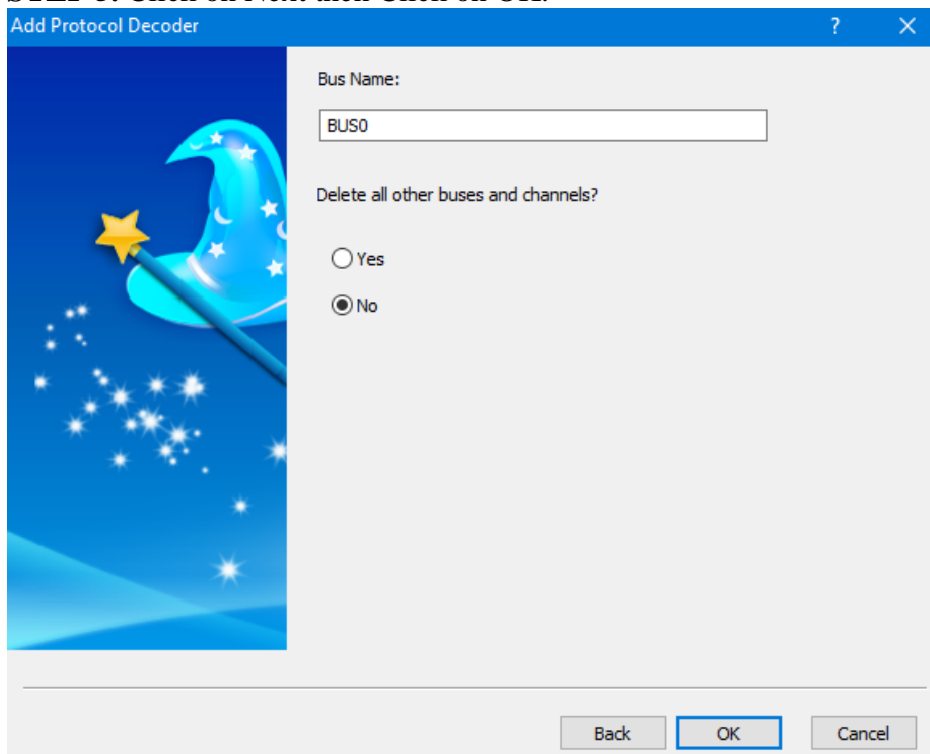
STEP 3. Select eMMC V1.11.08(CN01). Then click Next to open the Configuration dialog box.



STEP 4. Set the property by case, press next.



STEP 5. Click on Next then Click on OK.

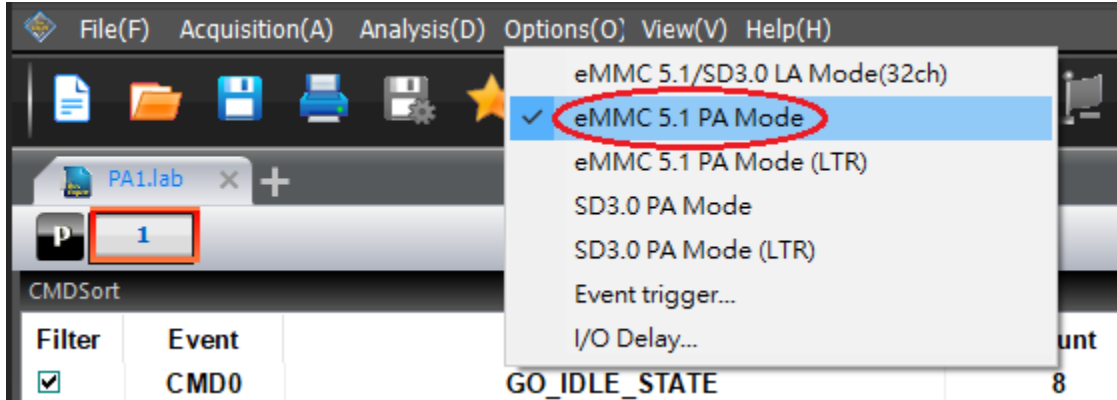


STEP 6. Following pictures show the completion of the protocol analyzer decoding and packet list.

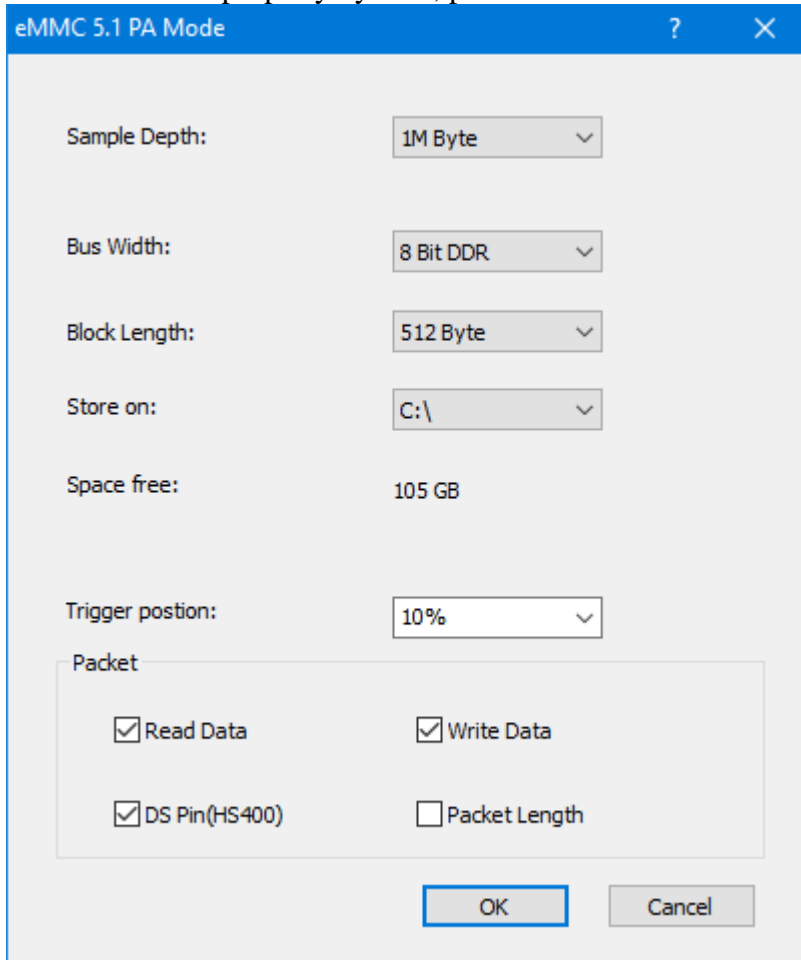


Operating Instructions(Protocol Analyzer Mode)

STEP 1. Select eMMC5.1 PA Mode



STEP 2. Set the property by case, press OK.



STEP 3. Following pictures show the completion of the protocol packet list.

The screenshot displays a software interface with three main panels:

- CMDSort Panel:** A table listing various commands with their counts.

Filter	Event	Description	Count
<input checked="" type="checkbox"/>	CMD0	GO_IDLE_STATE	8
<input checked="" type="checkbox"/>	CMD1	SEND_OP_COND	10
<input checked="" type="checkbox"/>	CMD2	ALL_SEND_CID	2
<input checked="" type="checkbox"/>	CMD3	SET_RELATIVE_ADDR	2
<input checked="" type="checkbox"/>	CMD5	SLEEP_AWAKE	1
<input checked="" type="checkbox"/>	CMD6	SWITCH	4
<input checked="" type="checkbox"/>	CMD7	SELECT/DESELECT_CARD	2
<input checked="" type="checkbox"/>	CMD8	SEND_EXT_CSD	6
<input checked="" type="checkbox"/>	CMD9	SEND_CSD	2
<input checked="" type="checkbox"/>	CMD13	SEND_STATUS	38
<input checked="" type="checkbox"/>	CMD15	GO_INACTIVE_STATE	2
<input checked="" type="checkbox"/>	CMD16	SET_BLOCKLEN	2
<input checked="" type="checkbox"/>	CMD18	READ_MULTIPLE_BLOCK	29
<input checked="" type="checkbox"/>	CMD23	SET_BLOCK_COUNT	29
<input checked="" type="checkbox"/>	CMD52	Reserve	1
<input checked="" type="checkbox"/>	CMD55	APP_CMD	2
- CMDList Panel:** A table mapping command numbers to time stamps and packet numbers.

No	Time Stamp	Packet Number
1	16730487.19us	1
2	16735791.77us	3
3	16741619.43us	6
4	16865957.93us	48
5	16871244.06us	50
6	16876520.95us	52
7	16881807.07us	54
8	16887616.27us	57
- Packet List Panel:** A detailed view of the first five packets.

Packet#	Bus	Host	Start	End	Type	Argument	CRC7	End	Packet Time	TimeStamp
1	eMMC	Host	0	0	CMD0	0x00000000	0xA0	1	35.31us	16730487.19us
2	eMMC	Host	0	0	CMD8	0x000010AA	0x43	1	35.39us	16731025.65us
3	eMMC	Host	0	0	CMD0	0x00000000	0xA0	1	35.39us	16731025.77us
4	eMMC	Host	0	55	CMD55	0x00000000	0x32	1	35.38us	16736330.23us
5	eMMC	Host	0	15	CMD15	0x00000000	0x6A	1	35.39us	16741080.97us