

IEBus Protocol analyzer

AP - IEB2

application

AP-IEB2 is development support equipment with the monitor ability of the network formed of IEBus, and the dummy equipment function.

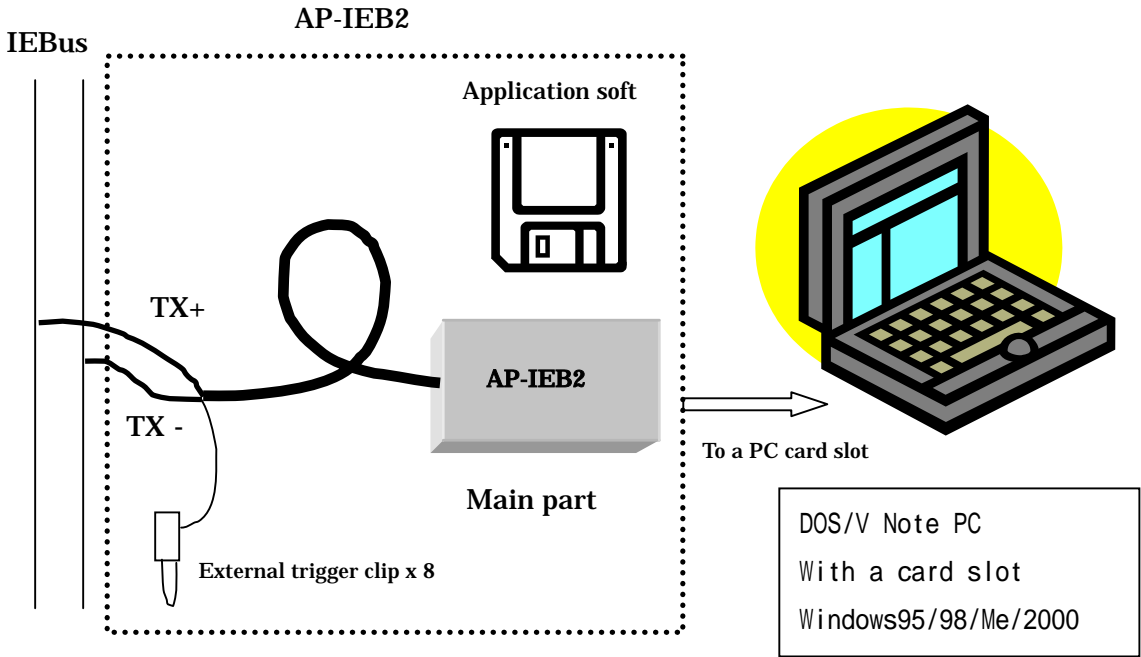
Various event detection functions can perform a start / stop of a monitor, and filtering. Moreover, since the powerful macro language currently used with product AP-ALDM of our company can be used as it is. The emulate of the complicated equipment can be carried out.



Peculiarity

- 1 . Windows 95 / 98 / Me / 2000 correspondence application soft standard appending.
- 2 . Since all functions are contained in the PC card, so small and lightweight. External power supply needlessness.
- 3 . Save of debugging environment and monitor data and download are possible.

Product composition



Product specification

IEBus monitor ability	: FPGA
IEBus emulation function	: uPD72042 (NEC) It corresponds to the communication mode 0 and 1.
Base click	: 6.29MHz
Connection system	: Twisted-pair cable (1m)
TX+, TX-, GND	: Alligator clip
External trigger	: IC clip (Electric specification: TTL input)
Interface	: TYPE PC card I/F (5V)
Host machine	: Dos/V machine
Correspondence OS	: Windows95/98/Me/2000
Power supply	: It supplies from the main part of PC.
Consumption current	: About 100mA
Main part size	: 85.6 × 54.0 × 5.0(mm)

Macro language specification

- Only control field "F" (data writing) corresponds.
- It is possible to calculate to receiving data (addition, subtraction, AND, OR) and to consider as transmitting data.
- A broad view subroutine is called for every fixed time, and transmission/operation is possible.
- The call of a broad view subroutine is possible by the key input.
- It is possible to have an integer type variable.
- The condition judgment by possible pattern matching is possible also for a bit mask.

The specification of this product etc may be changed without a preliminary announcement for improvement. A company name and a brand name are the trademarks and registration specimens of each company. 2001/09/04

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