IEBus dummy board   Macro lnguage correspondence

AP-ALDM2

Inter Equipment Bus

Outline
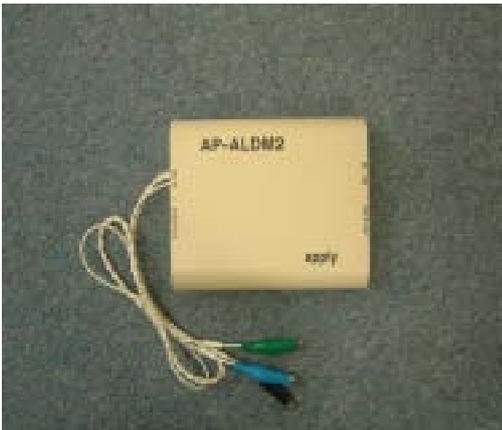
This equipment is development support equipment for debugging the IEBus communications department in the equipment of an IEBus unit.

IEBus communication can be transmitted and received with this equipment using RS-232C port of PC.

It is possible to deal with a more complicated protocol with the macro language which operates on Windows.

Moreover, a communication program can be easily created by newly developing the macro language which specialized in IEbus.

It can be used for a case, a test of operation, etc. under communication place development of IEBus.

Moreover, when you carry out the monitor of all the data that is flowing on IEBus, Please use "AP-IEB2" of product of our company.

Product composition

IEBus

IEBus dummy board

RS-232C
115.2Kbps   PC
9pin

user equipment

DC12V   Attachment
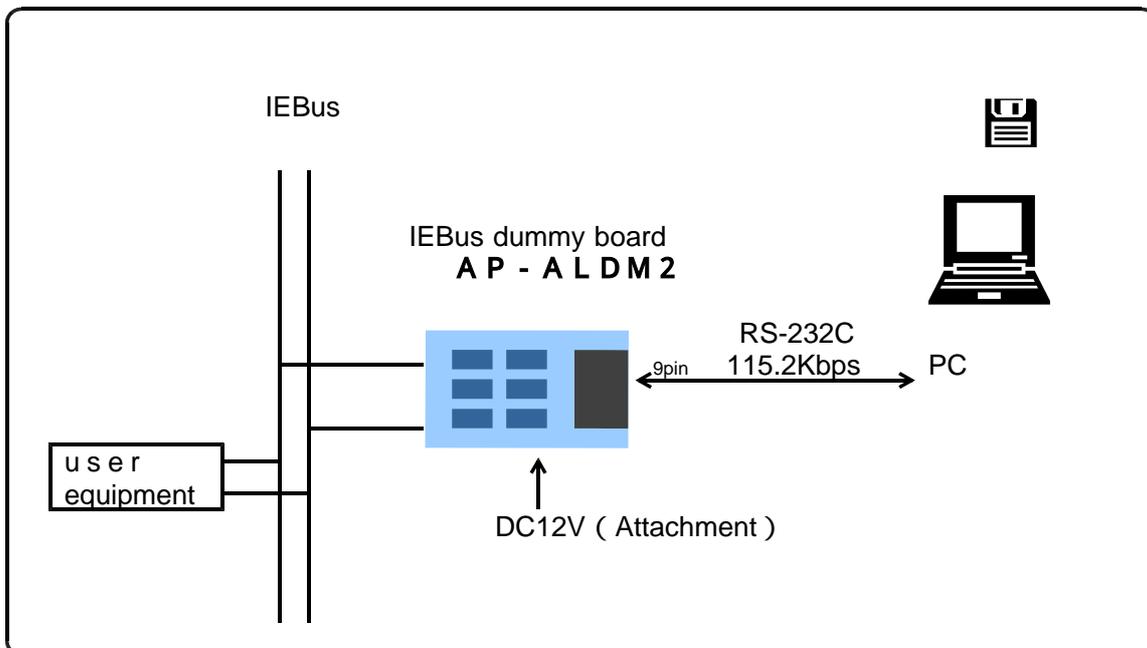
Specification

The communication mode 1 is 6.29MHz operation.

IEBus control IC uses uPD72042.

A unit address is set up DIP switch.

As for the control field, only "F" (data writing) corresponds.

It is possible to calculate to receive data (addition, subtraction, AND, OR), and to consider as transmitting data.

The macro subroutine is called for every fixed time, and transmission / operation is possible.

The macro subroutine is possible for a call by the key input.

It is possible to have a integer type variable.

The condition judgement by possible pattern matching is feasible also for bit mask.

Product composition

Contents   AP-ALDM2 (IEbus dummy board   Macro language correspondence)
                Exclusive soft (Windows95/98/ME/2000/XP)
                Manual
                Power supply adapter

IEBus related parts
    AP-IEB2   Protocol analyzer
    AP-ALDM2   Dummy board (macro language system) **this product**
    AP-ALR mark2   Data logger
    AP-LANsim   LAN simulator

The difference between this product and AP-ALDM

The power supply adapter is attached normally.
The pin number of RS232C connector is changed 9pin.
The reset switch is delated.

It uses the same control soft as AP-ALDM.

The specification of this prodct 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.

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