

CEC

1.Operation Summary

Connect two evaluation boards via CEC. The data that input by terminal software at one board send to another board. The receive data is display in the terminal software.

2.Board setting

Connect the terminal on the evaluation board as follows

CN5 1-2 3-4 CN12 36-C12 36 (another board)

3.Basic Operation

It is displayed "Input =" in the terminal software.

When you want to send data, input header of 1byte and data of 29bytes and press enter key.

Then, "CEC Snd =" is displayed followed by the header and data in the terminal software, and the header and data are transmitted.

For the header, the above 4 bits are the sending side and the lower 4 bits are the receiving side.

When received the data, "CEC Rcv=" is displayed followed by the header of 1byte and received data.

After it is displayed, it will be broken.

4.Setting

CEC

CEC :PT2

UART Setting

TXD :PE2
RXD :PE3
Baud Rate :115200(bps)
Data :8(bit)
Parity : None
Stop Bit :1(bit)
Flow Control : None

5.Output Example

CEC Address = 5
CEC Address = 7
Input = uabcdef
CEC Snd = uabcdef
Input =

CEC Address = 5
CEC Address = 7
Input =
CEC Rcv = uabcdef
W012345
CEC Snd = W012345

6. Setting Example of Terminal Software

