

# Echo Back

## 1. Operation Summary

Echo back output of the data from the terminal software

## 3. Setting

### UART Port for Use

RXD : Port K0

TXD : Port K1

### Serial Port Setting

Baud Rate : 115200(bps)

Data : 8(bit)

Parity : none

Stop Bit : 1(bit)

Flow Cntrol : none

Maximum Number of Characters : 32(byte) including newline character(s). The number of characters should be less than the maximum number

### DMAC setting

reception

DMAC ch : 8(UART ch0 reception)

transfer mode : Basic Mode

Burst setting : no use

transmission

DMAC ch : 9(UART ch0 transmission)

transfer mode : Basic Mode

Burst setting : use

#### 4. Basic Operation

##### ① Initial Display

Request user input by the "Input = " prompt.

Tera Term display example




Input =

##### ② Character Input

User will input characters and then press 'Enter' key.


Tera Term display exmple



Input = 123456

##### ③ Echo Back Output

Display " Echo = ", followed by the display of the input characters.



Input = 123456  
Echo = 123456

#### 5. Input Characters Over the Maximum Number

Display " Input Error !! "



Input = 01234567890123456789012345678901  
Input Error !!