

1.Operation Summary

Display the time from the RTC in the Tera Term

2.Board setting

Connect the terminal on the evaluation board as follows

CN5 1-2 3-4 CN9 1-2

3.Basic Operation

Output the time information obtained by using the time function of the RTC to the terminal software through USB-UART connection.

LED blink using Periodic interruption function.

RTC Setting

12/24 Hour time notation :24 Hour time notation

Initial time

(Year-Month-Day :2017-01-01 00:00.00

hh:mm:ss)

UART Setting

TXD :PE3

Baud Rate :115200(bps)

Data :8(bit)

Parity :none

Stop Bit :1(bit)

Flow Control none

LED port

D10 :PE4

Display Setting

Display update timing :1(s)

LED blinking timing :500msec

4. Output Example

2017-01-01 21:17:30

Time (Year-Month-Date hh:mm:ss)

Tera Term Setting Example

Tera Term: Terminal setup

Terminal size
128 X 24
☒ Term size = win size
☐ Auto window resize

New-line
Receive: CR
Transmit: CR+LF

Terminal ID: VT100
☐ Local echo
Answerback:
☐ Auto switch (VT<->TEK)

Kanji (receive)
UTF-8
☐ 7bit katakana

Kanji (transmit)
UTF-8
☐ 7bit katakana
Kanji-in: ^[\$B
Kanji-out: ^[(B

locale: japanese
CodePage: 932

OK
Cancel
Help

Receive:CR - Overwrite update
Receive:AUTO - New line update