

UART_IrDA

1. Operation Outline

Test data are output every 100 ms intervals with the infrared data format (IrDA).

2. Each Setting

UART : TXD2 (Port93)

Transmitted stop bit length : default = 1 bit

main.c: Changing the value of "#define UART_TRANS_STOP_BIT_LENGTH" allows changing the transmitted stop bit length.

Parity addition : default = no parity

main.c: Changing the value of "#define UART_PARITY" allows changing the parity addition setting.

Output selection of TXD pin : IrDA output (fixed)

Transfer base clock selection : default = gear clock

main.c: Changing the value of "#define UART_CLOCK" allows changing the transfer base clock.

Baud rate : default = 115200 (bps)

main.c: Changing the value of "#define UART_BAUD_RATE" allows changing the baud rate.

*It is calculated based on the transfer base clock.

3. Basic Operation

The test data (0xA3) are output from TXD2 at 100 ms intervals.

4. Note

None.