

CAN

1. Operation Outline

2-channel output voltages of the potentiometer are measured by the ADC.
The result is transmitted and received by CAN using the test loop-back mode.
The received data is displayed on Tera Term.

2. Each Setting

| | | |
|-------------|--|--------------------|
| <u>UART</u> | | : UT1TXDA (PortU5) |
| | | : UT1RXD (PortU6) |

| | | |
|----------------------------|--------------|----------------|
| <u>Serial port setting</u> | Baud rate | : 115200 (bps) |
| | Data | : 8 bit |
| | Parity | : None |
| | Stop | : 1 bit |
| | Flow control | : None |

| | | |
|------------|--|-------------------|
| <u>ADC</u> | | : AINA01 (PortM6) |
| | | : AINA00 (PortM7) |

| | | |
|------------|--|------------------|
| <u>CAN</u> | | : CANTX (PortE0) |
| | | : CANRX (PortE1) |

3. Basic Operation

2-channel output voltages of the potentiometer are measured by the ADC every 5 seconds.

The result is transmitted and received by CAN using the test loop-back mode.

The received data is displayed on Tera Term.

The display of the data is as follows;

```
AIN0 > 0x19b  
AIN1 > 0x4f3  
AIN0 > 0x19c  
AIN1 > 0x4f3  
AIN0 > 0x2a6  
AIN1 > 0x5fc
```

4. Note

Nothing.