

## 1.Operation Overview

This program will display the value , which is measured voltage of potention meter

## 2.Basic Operation

The value of the output voltage of a potention meter is measured by ADC.

And, it is output to the terminal software in the host PC through USB-UART connection in every output cycle.

### Output Cycle

OUTPUT\_PERIOD :default = 5000(ms)

The cycle length can be changed by altering the value of main.c:"#define CFG\_OUTPUT\_INTERVAL"

### ADC Setting

AIN :PE4  
:PE5

### UART Setting

TXD :PK1  
Baud Rate :115200(bps)  
Data :8(bit)  
Parity : None  
Stop Bit :1(bit)  
Flow Control : None

## Display exsample

Convert Result Value[VR1]:0xa83  
Convert Result Value[VR2]:0x750