

## 1. Description

In the demo, P2.1(PWM1) is configured as PWM function, and P2.0 (Capture0) is configured as Capture function, P2.1 outputs PWM signal and P2.0 (Capture0) captures the PWM low and high duty and show them on hyper terminal.

## 2. Test

All the messages will be shown on Hyper-terminal in this demo, at baudrate 115200 bps.

Before test begin, please short P2.0 and P2.1.

Then, download executable file into development board, make sure that an RS-232 cable has been connected between PC and develop board, then run the demo.

If RS-232 cable has been connected correctly, user can see a message require a char input is shown on the Hyper-terminal, press any key on keyboard, Capture low duty, high duty will be shown on the Hyper-terminal, this demo, high duty is 64, low duty is 192, and cycle is 256, user can modify relative register value to change these values.