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ANMG08 UI
User Guide

Rev.1.0

에이디반도체

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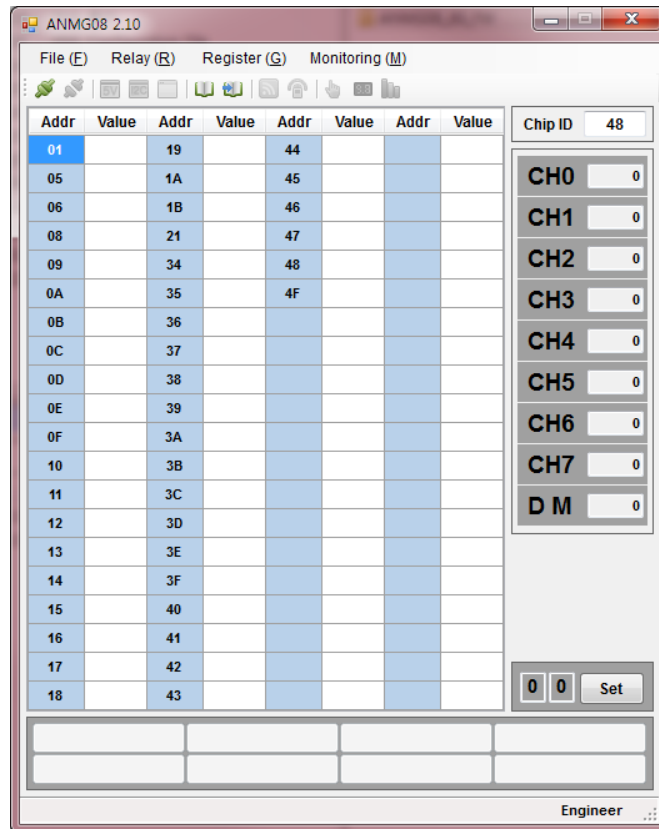## ANMG08 UI User Guide

CONTENTS

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1 Set up

1.1 Login & Initial Window

- The login window as shown in <Figure.1> will be popped up by execution of **ADSemiconUI_2.04.exe** file.
- The window shown in <Figure.2> will be popped up by following the procedure as below.

<Picture.1>

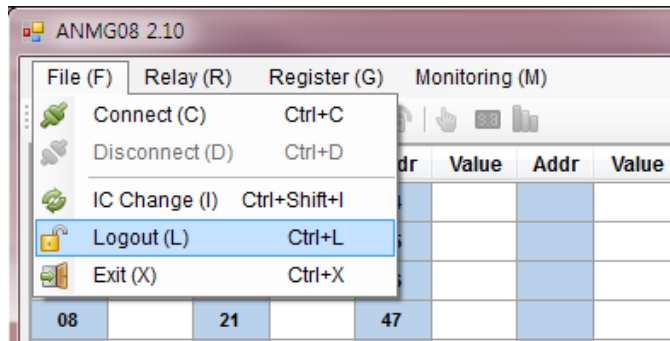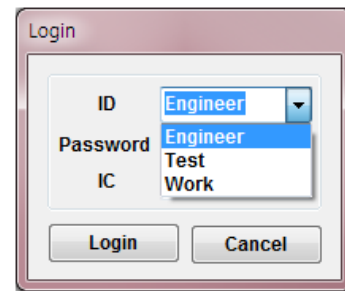<Picture.2>

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1.1.1 Selecting USER mode

- Select an ID among the three account type(Engineer, Test and Work).
- Engineer(Password : aaaa)
    - Full-Function of UI Tool
- Test(Password : bbbb)
    - Graph Functions use restrictions
- Work(Password : cccc)
    - Graph Functions use restrictions
    - Register Read/Write Functions use restrictions

When you click File> Log Out menu, the login window reappears, ID and select a different account, select the account can log in by entering a new password in the Password field.
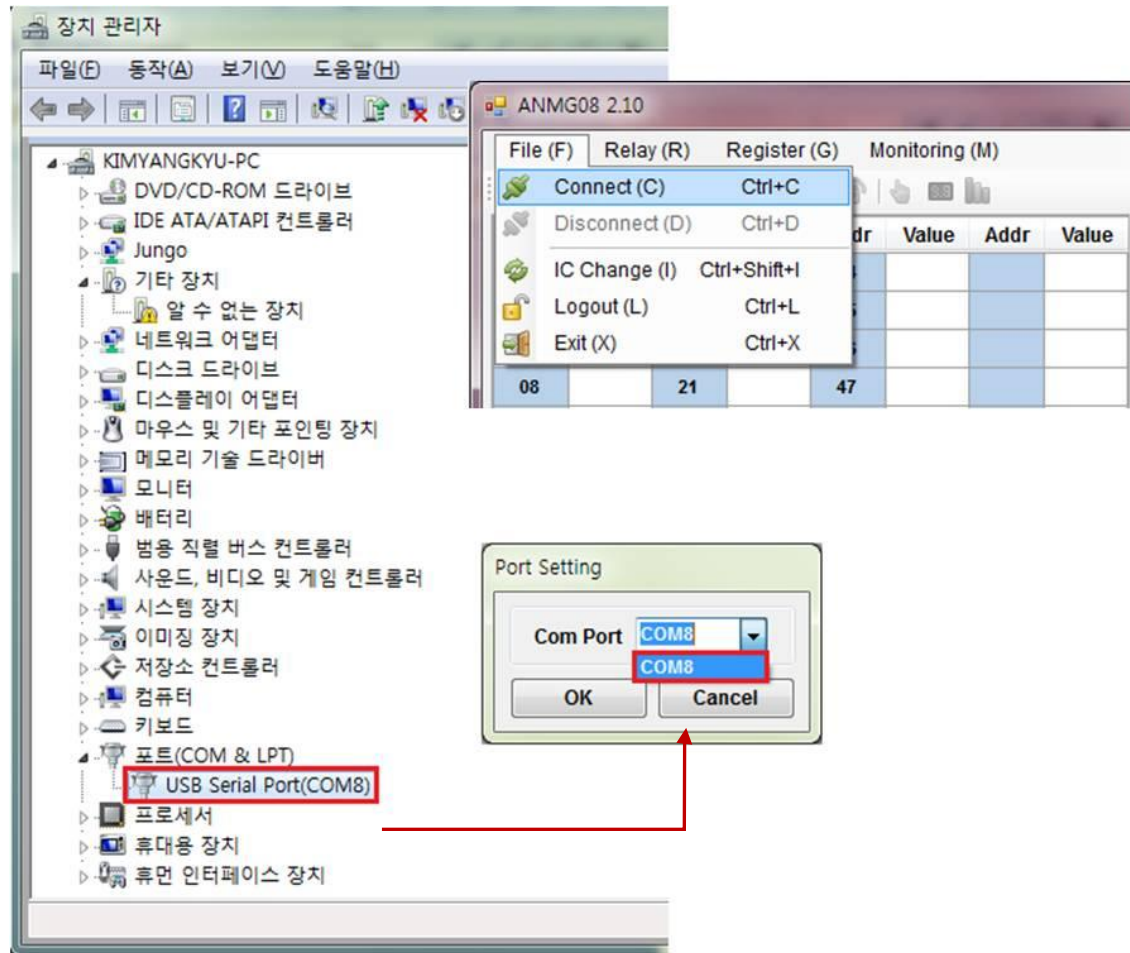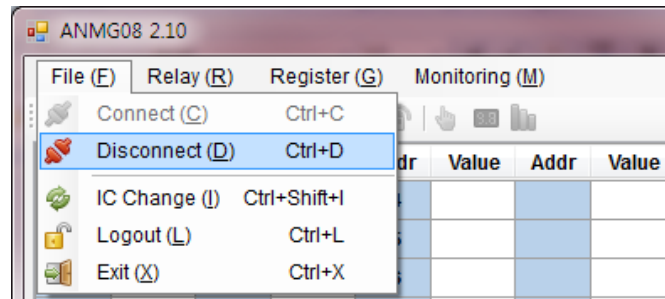

< Picture.3 >

< Picture.4 >

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1.2 Port Connection

< Picture.5>

- After connecting the MTP board and PC and power on MTP board.
- Device manager → Port (COM or LPT) → After confirming the COM Port Number of USB Serial Port → Write the number → Click the button "OK"
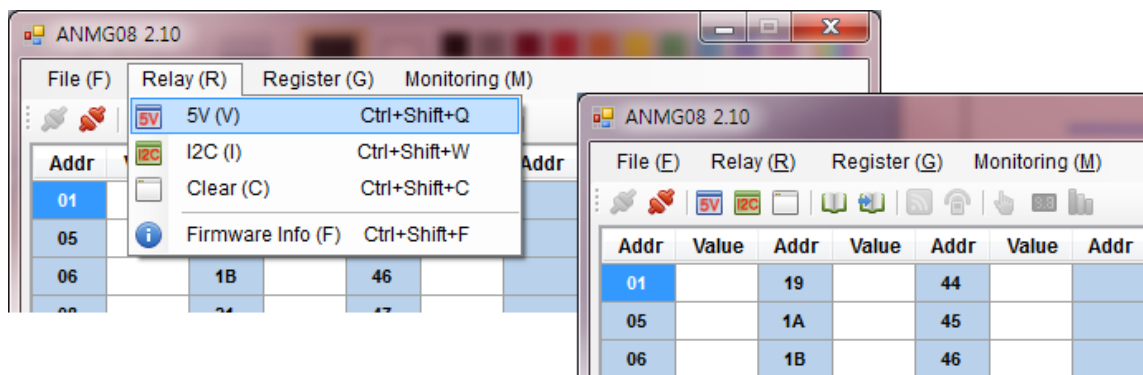- Can be connected port with Menu bar as picture below..

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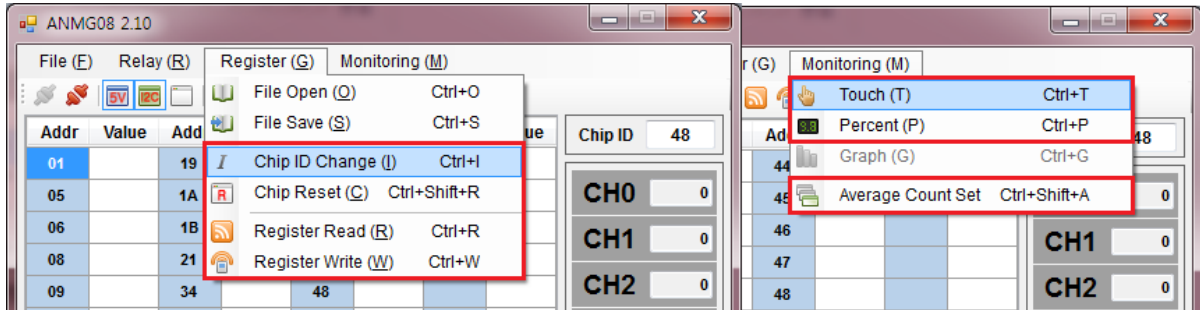

< Picture.6 >

2 MENU

2.1 Relay

< Picture.7 >

2.1.1 5V

The MTP Board of VDD on/off Control.

2.1.2 I2C

The MTP Writing Board of I2C communication to Enable or Disable.

6

※ It is the VDD supply to the MTP Board, if the Enable menu will enable I2C communications are shown in <Picture.8>.
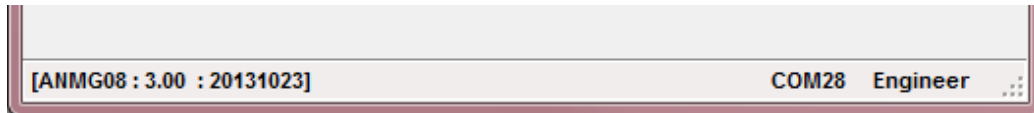

<Picture.8>

2.1.3 Clear

The VDD Power Off to the MTP Board and Disable the I2C communications.

2.1.4 Firmware Information

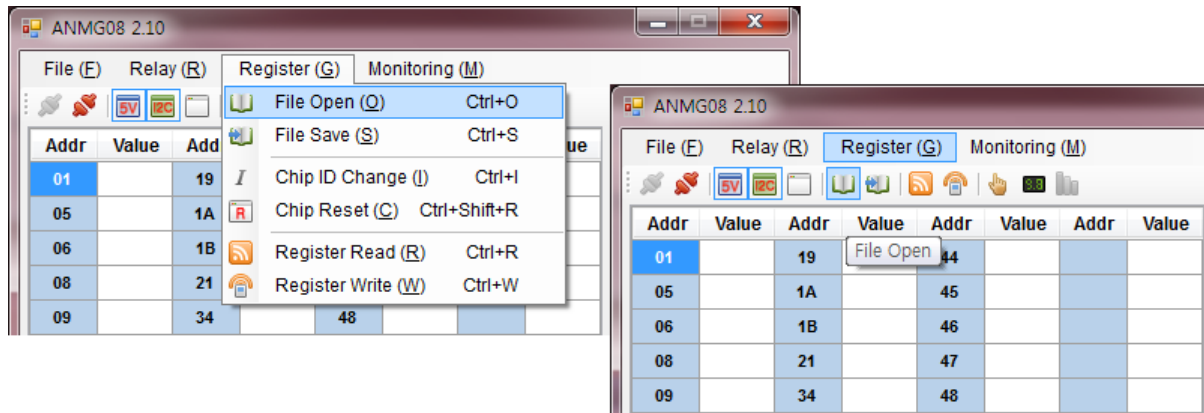Firmware shows the information of MTP Writing Board.

[ANMG08 : 3.00 : 20131023]   COM28   Engineer

<Picture.9>

- Target IC: ANMG08
- MTP Writing Board F/W Version: 3.00
- MTP Writing Board F/W Release data : 2013 년 10 월 23 일
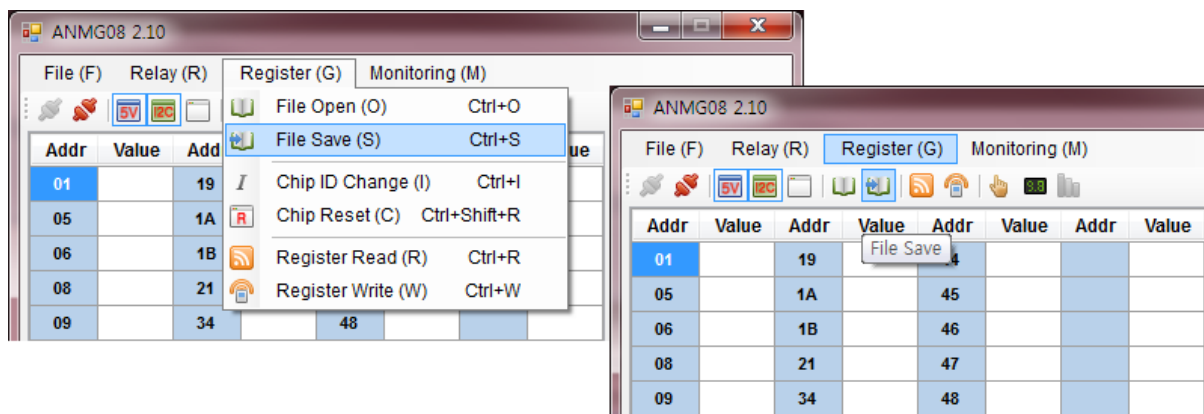
2.2 Register

2.2.1 File Open

<Picture.10>

Load Register with the settings stored in the file shows to Register Display Window
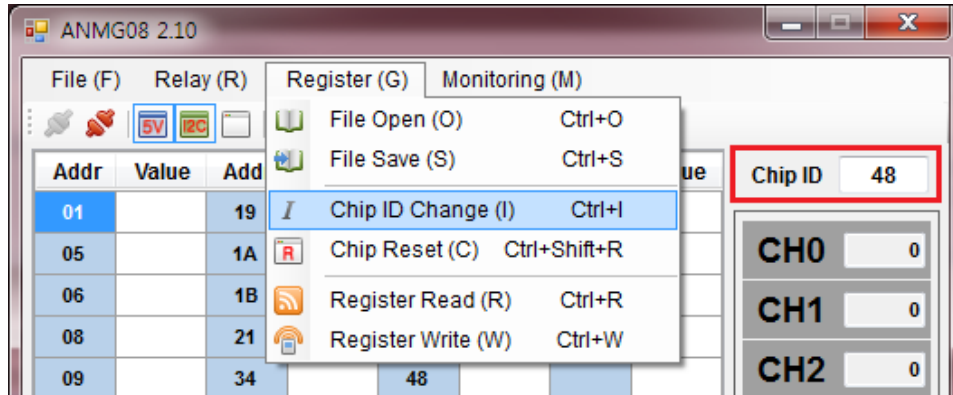
2.2.2 File Save

<Picture.11>

Register Display window to save the settings to a file

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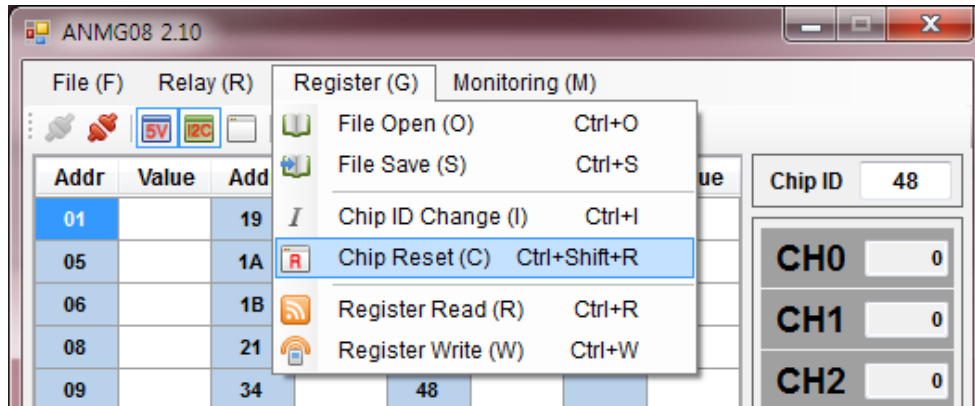### 2.2.3 Chip ID Change

<Picture.12>

The values entered as a hexadecimal value in the text box to change the Chip ID Chip ID (I2C Slave Address) of ANMG08.
※ For example, if the 7-bit I2C Slave Address is 0100 100x enter 0x48 (0100 1000b).
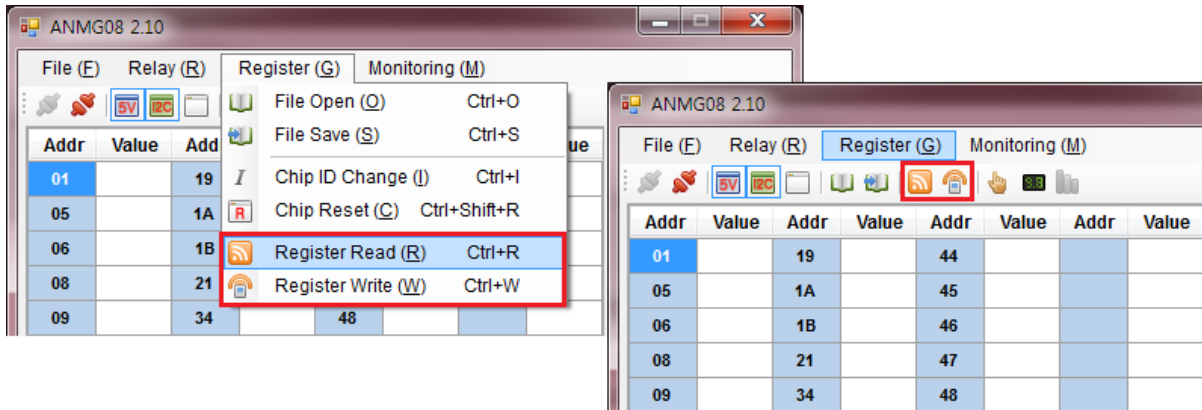
2.2.4 Chip Reset

<Picture.13>

Chip Reset menu, click through the ANMG08 can be internally S / W Reset.
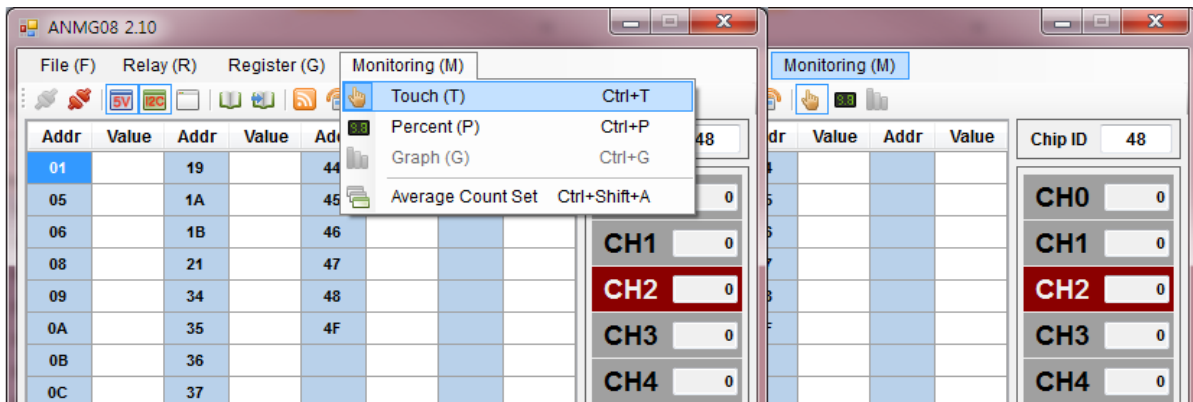
2.2.5 Register Read/Write

<Picture.14>

- **Register Read**
  "Register Read" menu displays register data from connected IC through I2C communication

- **Register Write**
  "Register Write" menu writes register data displayed on the window to connected IC register. The register data will be initialized after shutting off the power.

2.3 Monitoring

Touch, Percent and Graph information can be displayed using "Monitoring" menu.
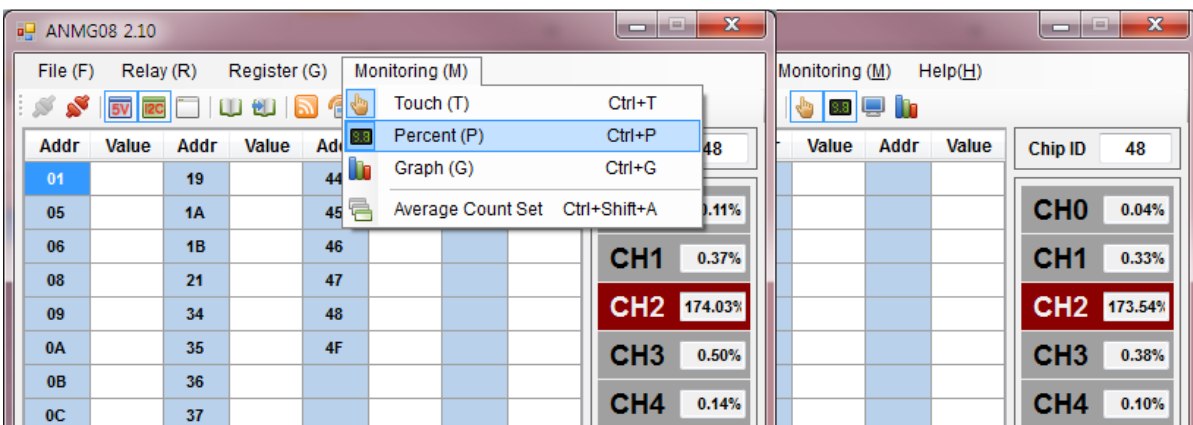
2.3.1 Touch

<Picture.15>

After clicking finger-shaped "Touch" button, touched channel can be found out as the color of the channel is changed to dark red.
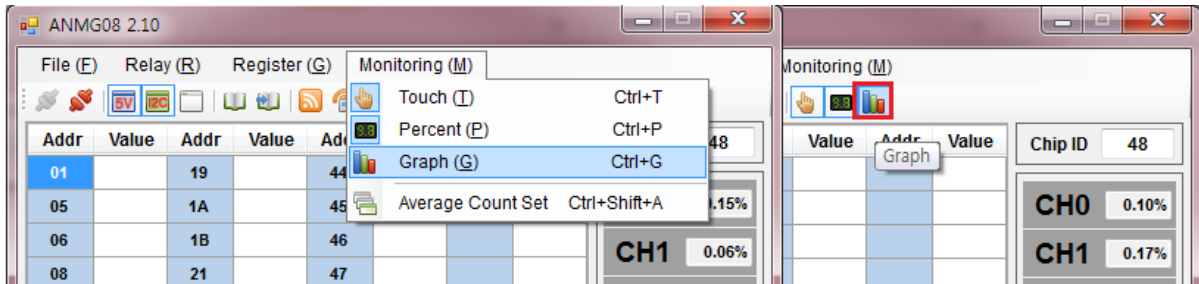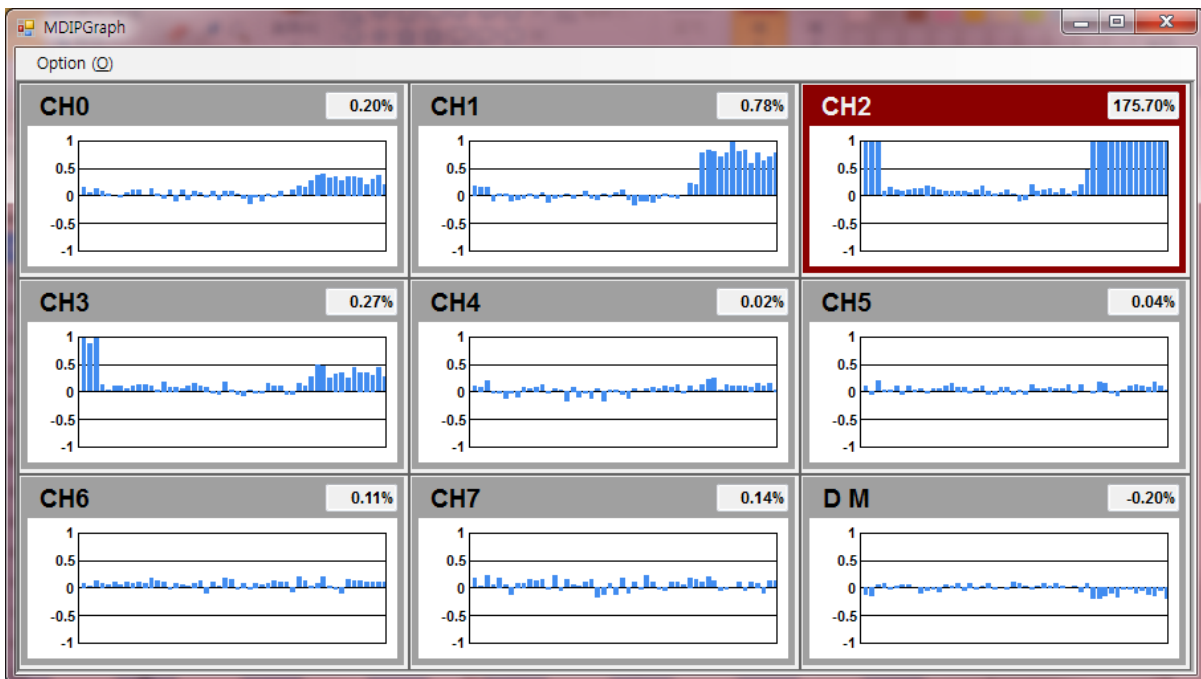
2.3.2 Percent

<Picture.16>

After clicking "Percent" button, percent of touched channel is displayed with touched color.
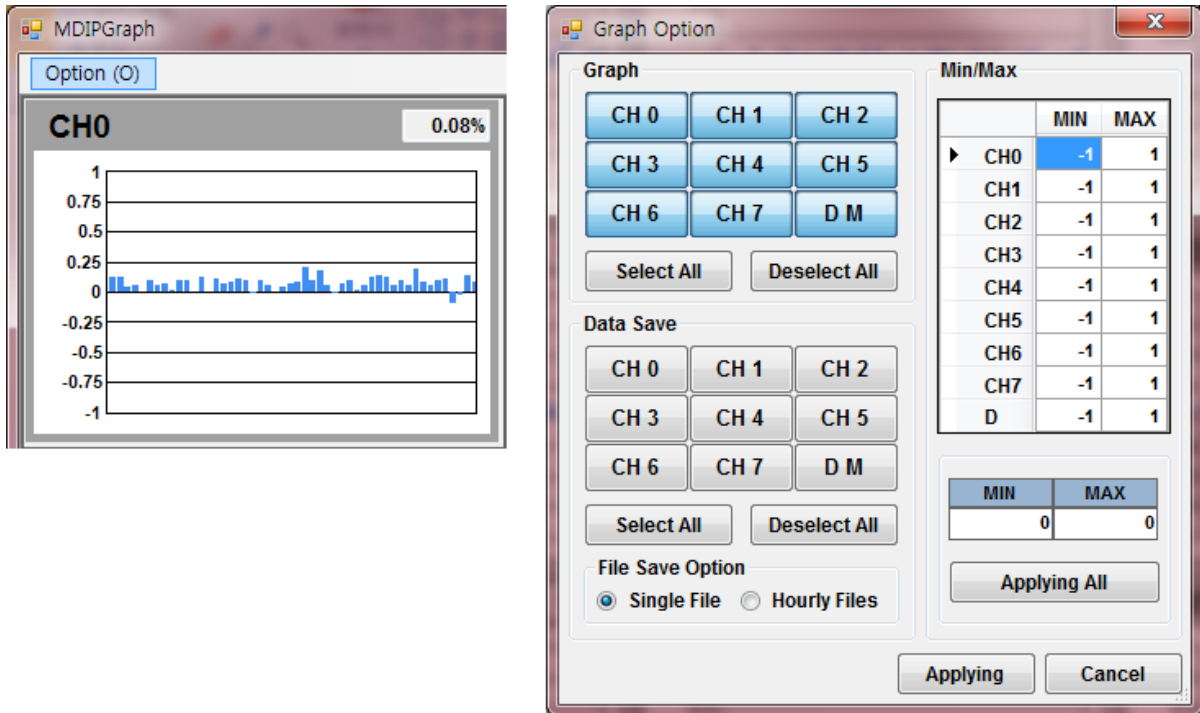
2.3.3 Graph

<Picture.17>

- Windows as below are shown when "Graph" button is clicked. <Picture.18> Graph Display.

<Picture.18>

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2.3.3.1 Option

<Picture.19>

"Option" window used for setting graph is popped-up when "Option" menu in the "Graph" window is clicked.

- Graph
  : A channel you want to see or all channel can be selected or deselected.

- Data Save
  : A channel you want to save or all channel can be selected or deselected.

- File Save Option

  Single or hourly file save option can be selected

- MIN/MAX

  Change of graph can be checked by tapping in minimum or maximum value of all channel