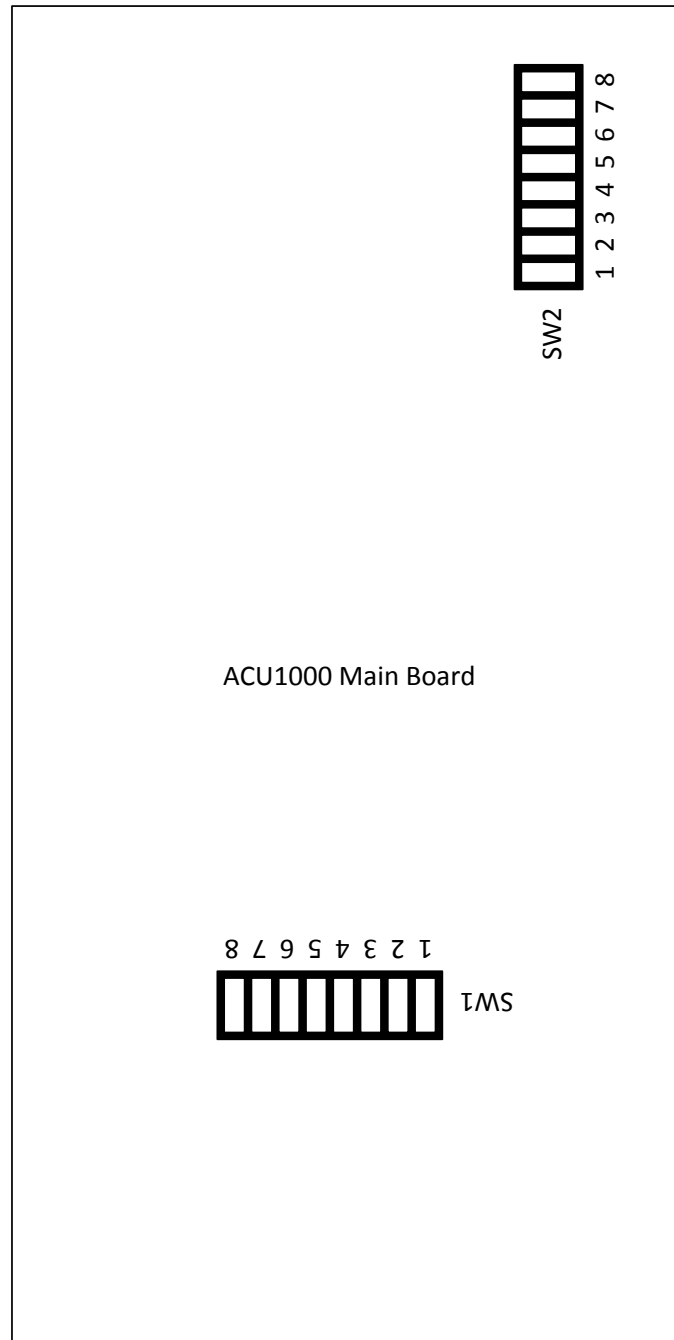# Using DIP SW1 and DIP SW2 on ACU1000 Boards

Overview

On Board switch 2 is use to set address for the ACU1000 board. The Address is important when the board communicate to host via serial port.

SW2

1 2 3 4 5 6 7 8

ACU1000 Main Board

1 2 3 4 5 6 7 8

SW1

Switch 1

Switch	Usage	
1-6	Not in used	
7	Line Supervised Mode	Off – Non Supervise
		On - Supervise
8	Self Test	Off – Operation
		On – LED Self Test

Switch 2

Switch	Usage						
1 - 5	Addressing	1	2	3	4	5	Address#
		0	0	0	0	0	80
		1	0	0	0	0	81
		0	1	0	0	0	82
		1	1	0	0	0	83
		.	.	.	.	.	.
		.	.	.	.	.	.
		.	.	.	.	.	.
		.	.	.	.	.	.
		0	1	1	1	1	9E
		1	1	1	1	1	9F
6	RS485 Reader Aux Port Device Port	Off – Device Port					
		On – Aux Port					
7	Factory Default Setting	Off – Operation					
		On – Default Setting					
8	Testing	Off – Operation					
		On – LED Self-Test					

For Controller version 2, when SW2 bit 1 to 6 is to ON and power reset, Controller IP address will be default to 192.168.168.100