

Virtual Memory Switch Manager Manual

SAMSUNG BIXOLON SRP-275 Impact Printer

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1. Introduction

This manual explain how to use VMSM(Virtual Memory Switch Manage) for SAMSUNG BIXOLON SRP-275 Printer.

2. Environment

2.1 Operating System

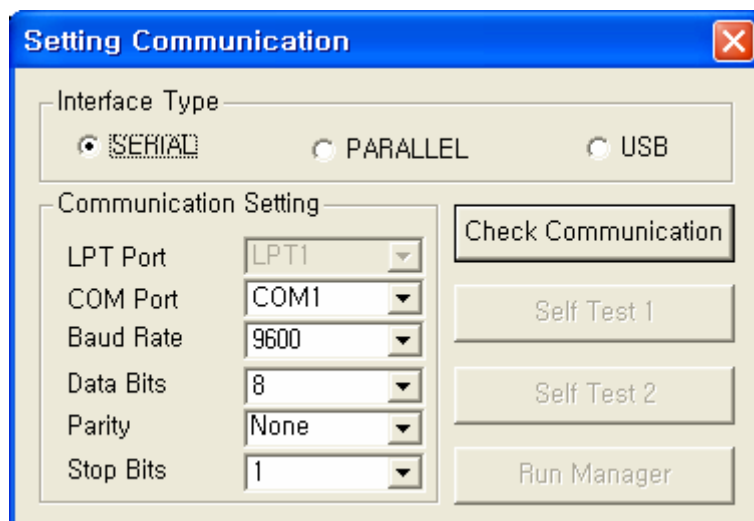
- Microsoft Windows 98
- Microsoft Windows ME
- Microsoft Windows 2000
- Microsoft Windows XP
- Microsoft Windows 2003 Server

2.2 Interface

- Serial(RS-232)
- Parallel
- USB

3. Communication Setting

1. After double-click “VMSM(SRP-275 Ver1.4).exe”, you can see this dialog.

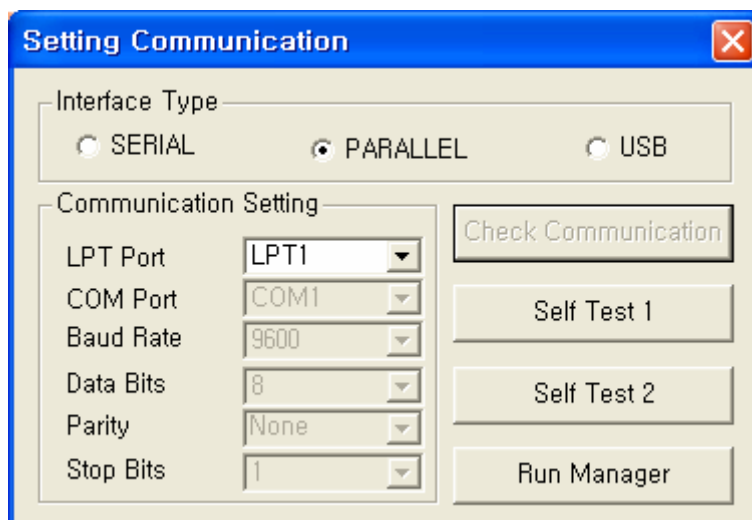


2. Select interface-type connected with printer.
**Please select correct communication setting.(Com port, Baudrate,etc..)*
3. Click “Check Communication” button to check communication status.
If communication status is fine, you can see this message box.



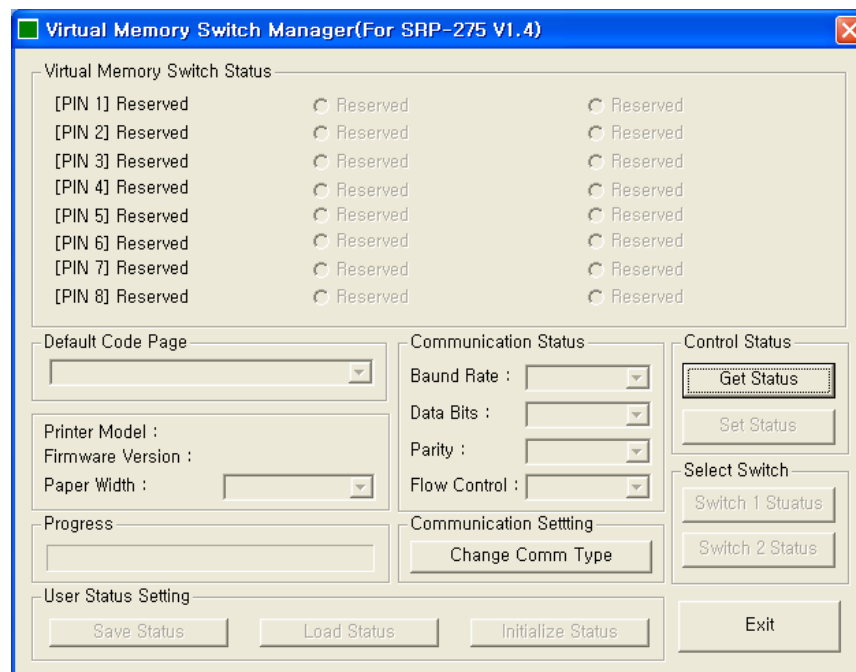
- *If you can't see this dialog, please turn off printer and program.
And, check cable or interface type then turn on printer and program.*

4. "Self Test1", "Self Test2", and "Run Manager" buttons have been active.

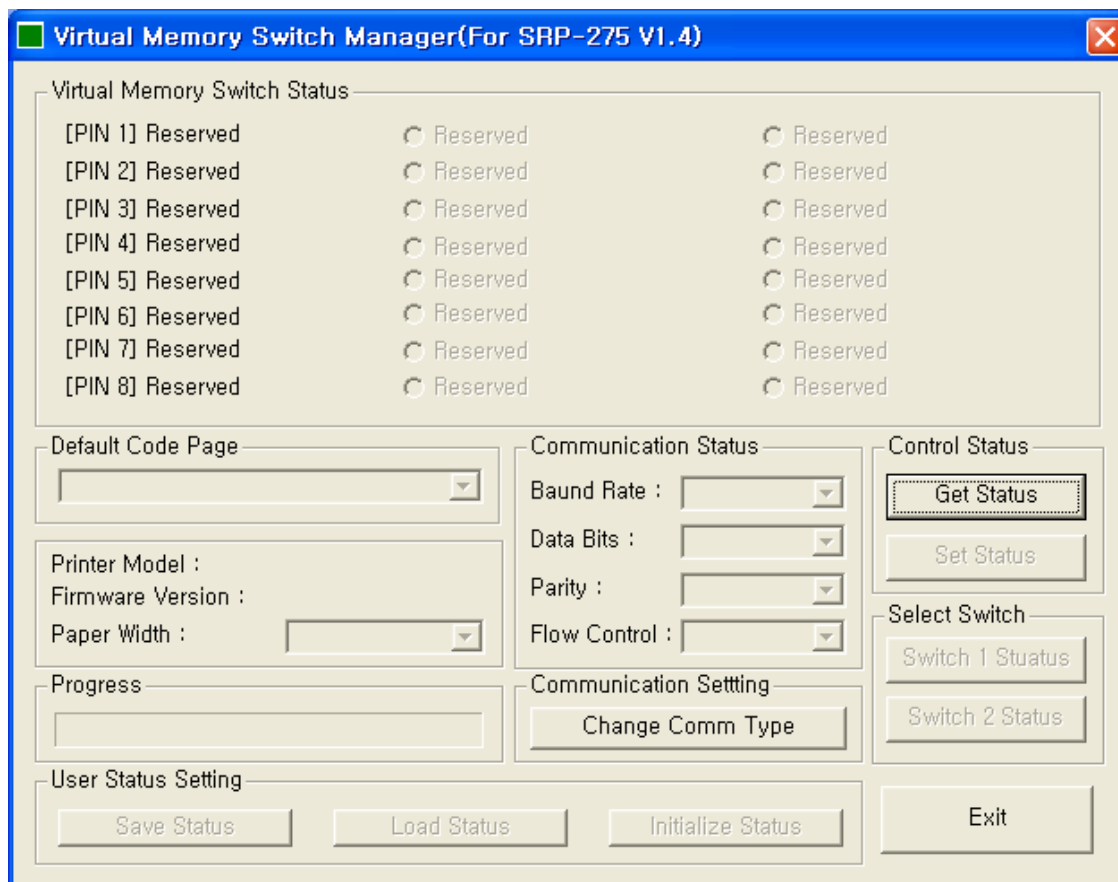


[Self Test1] : Print selft test first-page
[Self Test2] : Print self test second-page
[Run Manager] : Run VMSM

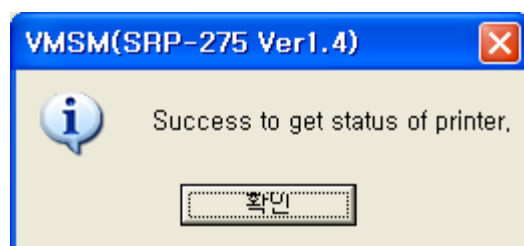
5. Click "Run Manager" button to run VMSM.



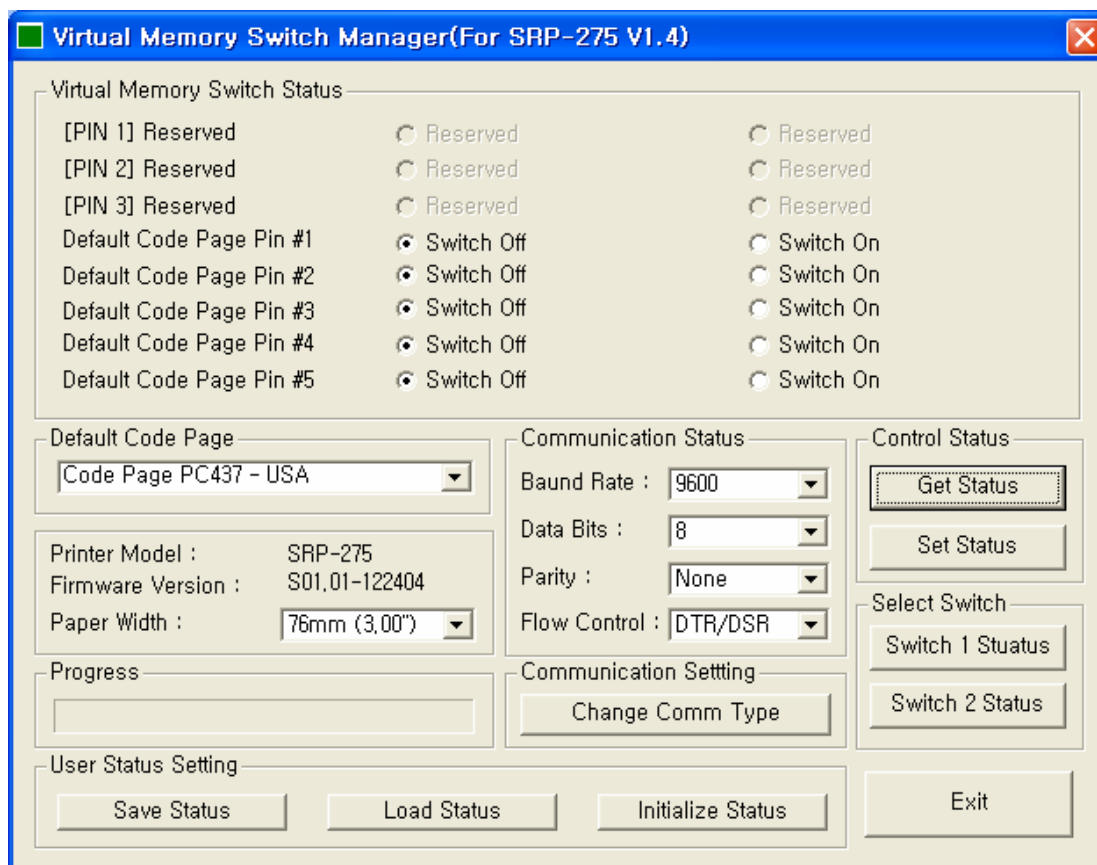
4. Get Memory Switch Status



1. Click "GetStatus" button to get memory switch status of printer.
2. If it's success, you can see this message box.



3. You can see status of each memory switch.



Virtual Memory Switch Manager(For SRP-275 V1.4)

Virtual Memory Switch Status

[PIN 1] Reserved	<input type="radio"/> Reserved	<input type="radio"/> Reserved
[PIN 2] Reserved	<input type="radio"/> Reserved	<input type="radio"/> Reserved
[PIN 3] Reserved	<input type="radio"/> Reserved	<input type="radio"/> Reserved
Default Code Page Pin #1	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #2	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #3	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #4	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #5	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On

Default Code Page:

Printer Model : SRP-275
Firmware Version : S01.01-122404
Paper Width :

Progress:

User Status Setting:

Communication Status:
Baud Rate :
Data Bits :
Parity :
Flow Control :

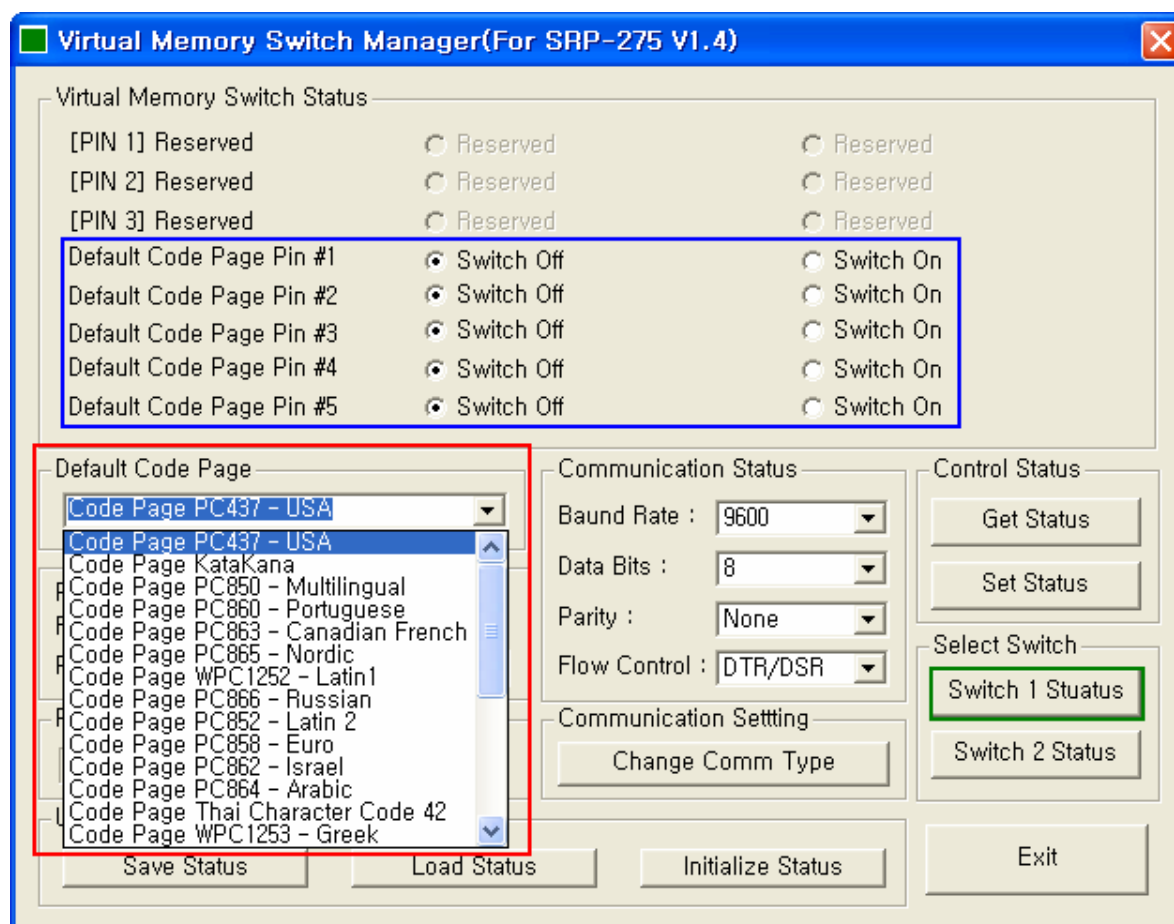
Communication Setting:

Control Status:

Select Switch:

5. Set Memory Switch Status

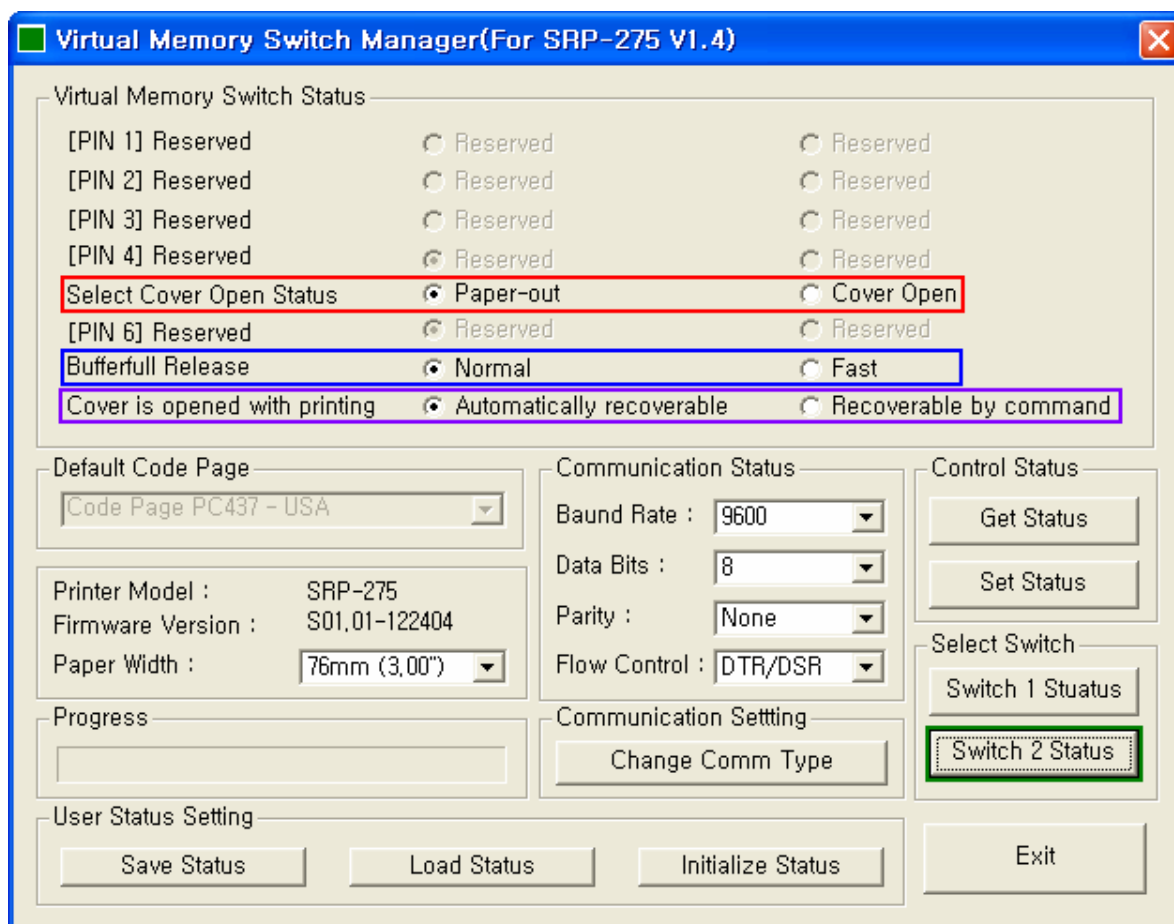
5.1 Set Memory Switch 1



1. In green box, click "Switch 1 Status" button.
2. In blue box, you can see status of each pin for default code page. You can't change value of blue box. It display only status.
3. In red box, select default code page.

5.2 Set Memory Switch 2

1. In **green** box, click "Switch 2 Status" button.



2. In **red** box, when cover is opened, select detect-mode as "Paper-out" or "Cover open".
3. In **blue** box, when printer-buffer is full, select recover-speed as "Normal" or "Fast".
4. In **purple** box, when cover is opened with printing, select recover-mode as "Automatically recoverable" or "Recoverable by command".

5.3 Set Paper

Virtual Memory Switch Manager(For SRP-275 V1.4)

Virtual Memory Switch Status

[PIN 1] Reserved	<input type="radio"/> Reserved	<input type="radio"/> Reserved
[PIN 2] Reserved	<input type="radio"/> Reserved	<input type="radio"/> Reserved
[PIN 3] Reserved	<input type="radio"/> Reserved	<input type="radio"/> Reserved
Default Code Page Pin #1	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #2	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #3	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #4	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #5	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On

Default Code Page
Code Page PC437 - USA

Printer Model : SRP-275
Firmware Version : S01.01-122404
Paper Width : 76mm (3.00")

Progress

User Status Setting
Save Status Load Status Initialize Status

Communication Status
Baud Rate : 9600
Data Bits : 8
Parity : None
Flow Control : DTR/DSR

Control Status
Get Status
Set Status

Communication Setting
Change Comm Type

Select Switch
Switch 1 Status
Switch 2 Status

Exit

In red box, select paper-type.

5.4 Set Serial(RS-232) Communication

Virtual Memory Switch Manager(For SRP-275 V1.4)

Virtual Memory Switch Status

[PIN 1] Reserved	<input type="radio"/> Reserved	<input type="radio"/> Reserved
[PIN 2] Reserved	<input type="radio"/> Reserved	<input type="radio"/> Reserved
[PIN 3] Reserved	<input type="radio"/> Reserved	<input type="radio"/> Reserved
Default Code Page Pin #1	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #2	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #3	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #4	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On
Default Code Page Pin #5	<input checked="" type="radio"/> Switch Off	<input type="radio"/> Switch On

Default Code Page
Code Page PC437 - USA

Printer Model : SRP-275
Firmware Version : S01.01-122404
Paper Width : 76mm (3.00")

Progress

User Status Setting
Save Status Load Status Initialize Status

Communication Status
Baud Rate : 9600
Data Bits : 8
Parity : None
Flow Control : DTR/DSR

Control Status
Get Status
Set Status

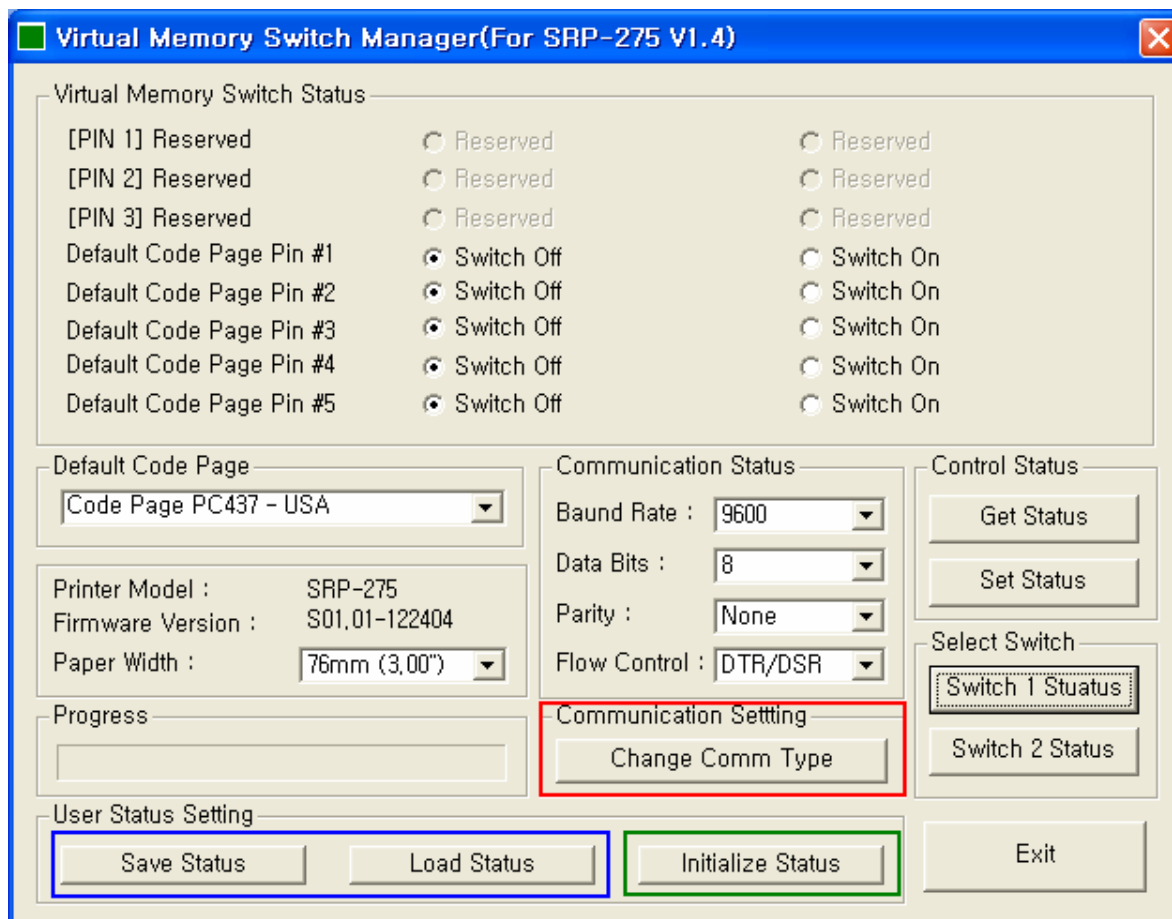
Communication Setting
Change Comm Type

Select Switch
Switch 1 Status
Switch 2 Status

Exit

In red box, select serial communication setting.

5.5 Other Functions



1. In **red** box, reselect communication type.
(ex: serial -> parallel, serial -> usb, etc...).
2. In **blue** box, save current status of memory switch by file format or load status of memory switch from file.
3. In **green** box, initialize value of all. If you want to initialize status of printer, after click "Initialize Status" button, must click "Set Status" button.