

## Advantech AE Technical Share Document

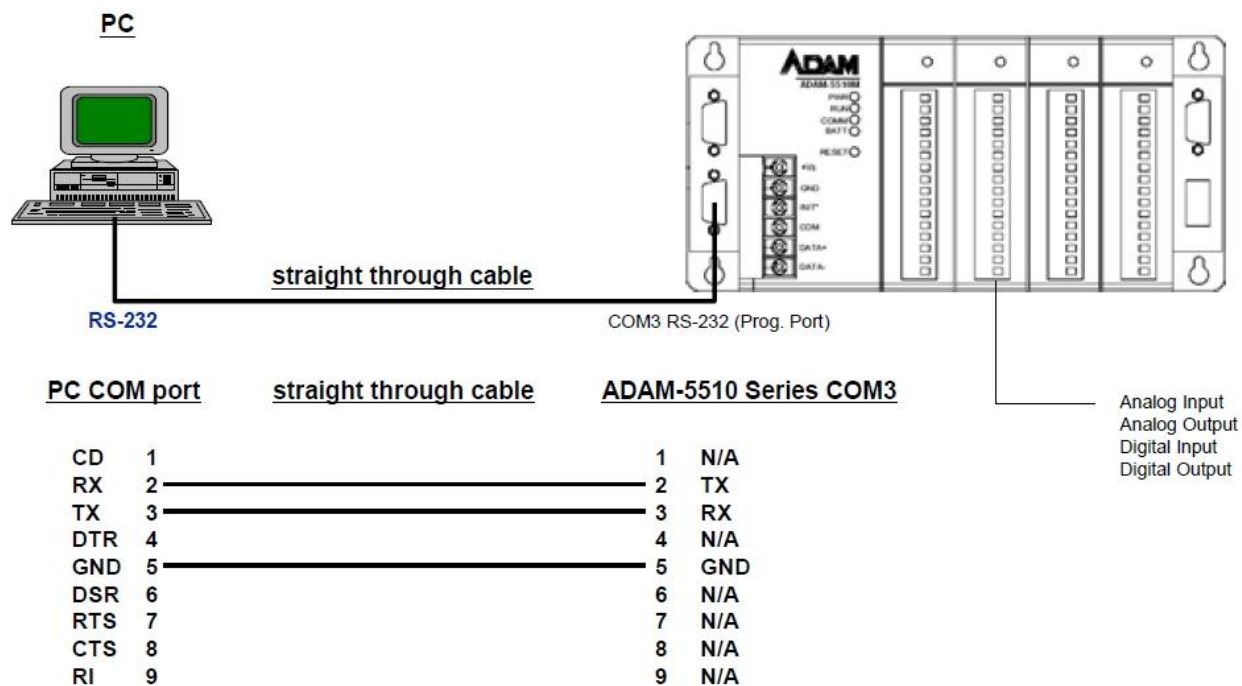
Date	2015 / 04 / 08	SR#	1-2040575942
Category	■ FAQ □ SOP	Related OS	ROM-DOS
Abstract	How to use SIM5KE to configure ADAM-5510 IO modules		
Keyword	ADAM-5510, simu5ke, IO configuration		
Related Product	ADAM-5510M, ADAM-5510E ADAM-5510/TCP, ADAM-5510E/TCP		

### [Problem]

If you want to configure ADAM-5510 IO modules as ADAM-5000, you can use the SIM5KE to configure IO modules and monitor IO data

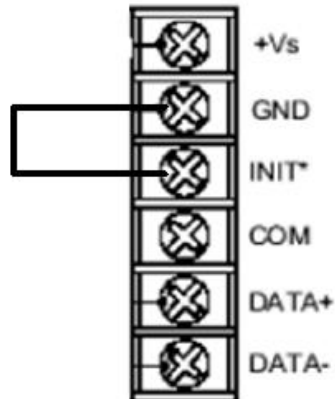
### [Solution]

**Step 1:** Using ADAM/APAX .NET utility to connect PROG COM of ADAM-5510 series

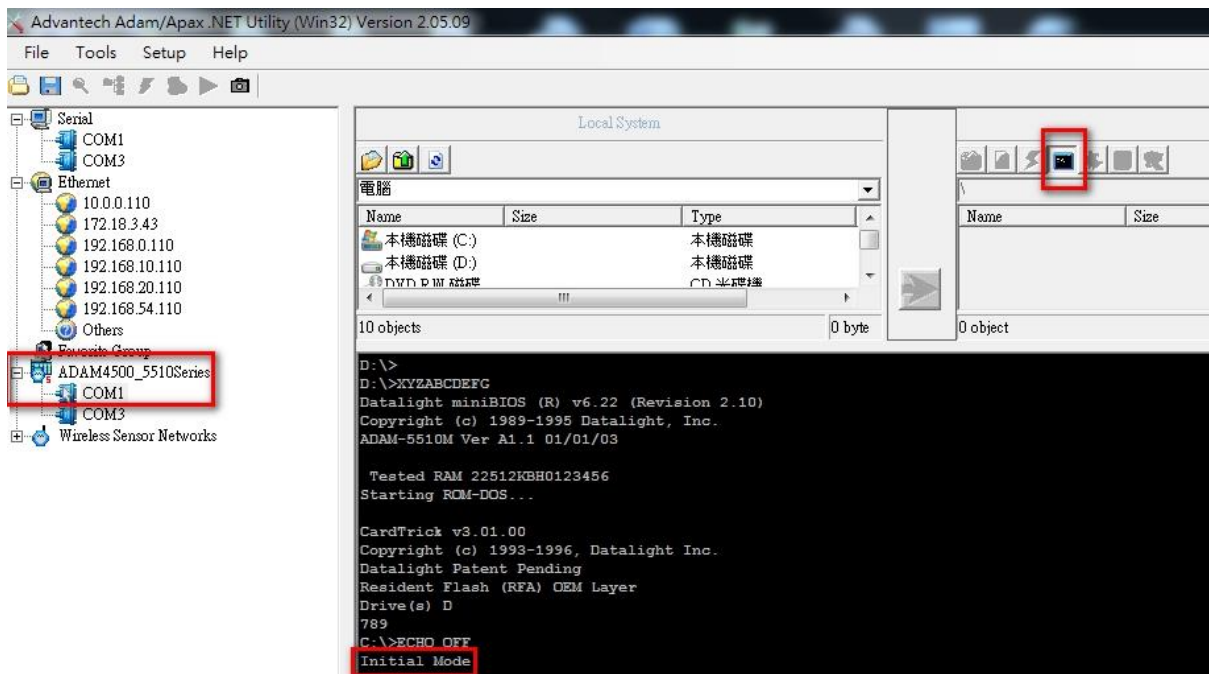


Note: PROG COM is a reserved debug/programming port for maintenance purpose.

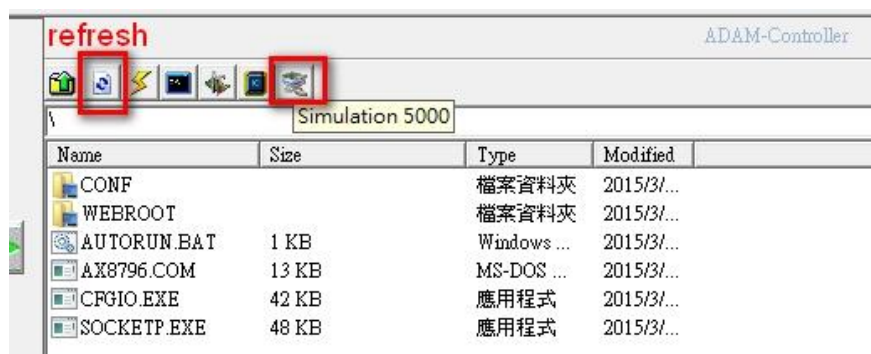
**Step 2:** Connect INIT pin to power GND pin and then reboot ADAM-5510 series

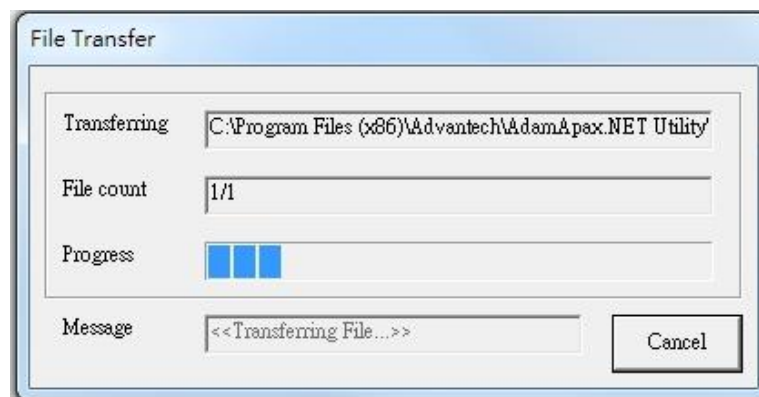


**Step 3:** Using “Launch terminal” to check the system is under “Initial Mode”.



**Step 4:** Close “Launch terminal” and refresh folder first than click “Simulation 5000” to download “SIMU5KE.exe” to ADAM-5510 series.





**Step 5:** Set DIP SW6 as “ON” and DIP SW1 to SW5 as “OFF”

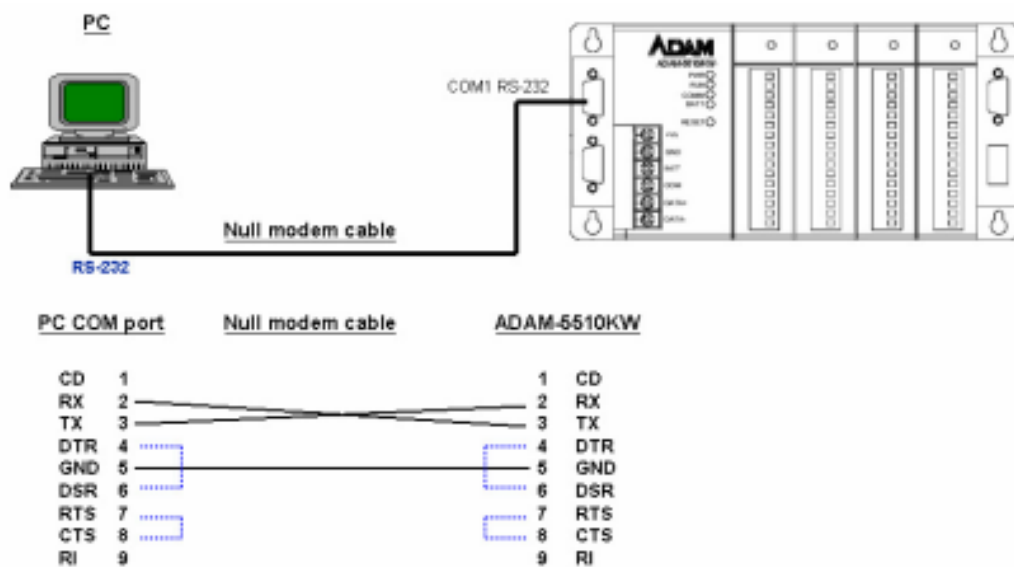
DIP	SW6
ON	COM1/RS-232

ID Address = 0

DIP	SW1	SW2	SW3	SW4	SW5
OFF	0	0	0	0	0

Note: IF you use a new version of “SIMU5KE.EXE” above 1.21, please let the SW6 to SW8 be “ON”.

**Step 6:** Connect Host PC (ex: COM2) to COM1/RS-232 on ADAM-5510 series by null modem cable and execute the “SIMU5KE.exe”.



```

Tested RAM 512KBH0123456
Starting ROM-DOS...

CardTrick v3.01.00
Copyright (c) 1993-1996, Datalight Inc.
Datalight Patent Pending
Resident Flash (RFA) OEM Layer
Drive(s) D
789
C:\>ECHO OFF
Running Mode
Packet Driver of ADAM5510/TCP Fast Ethernet Adapter, ver 1.4
(C) Copyright 2003 Advantech Electronics Corp. All Right Reserved.

System: 80188/80186 processor, ISA bus
Packet driver software interrupt is 0x60 (196)
My Ethernet address is 00:D0:C9:A6:DF:A4
Datalight Sockets v6.22/v7.10 (Revision 4.11.1525)
Copyright (c) 1989-2003 Datalight, Inc.
Portions copyright (c) GPvNO 2003
Compiled Apr 13 2004 (4.11.1525)

Processing D:\CONF\socket.cfg
if0: Packet driver at 0x60 using h/w int 7
Unknown host: 0
Hostname: 10.0.0.1
if0: 10.0.0.1 Net mask: 255.0.0.0

D:\>simu5ke
firmware version = Ver A322 B01
Current Communication Port: COM1
Baudrate 9600 bps

```

**Step 7:** Search Host PC COM2 device than you can find the ADAM-5000 simulation device and configure it as ADAM-5000 TCP utility.

