

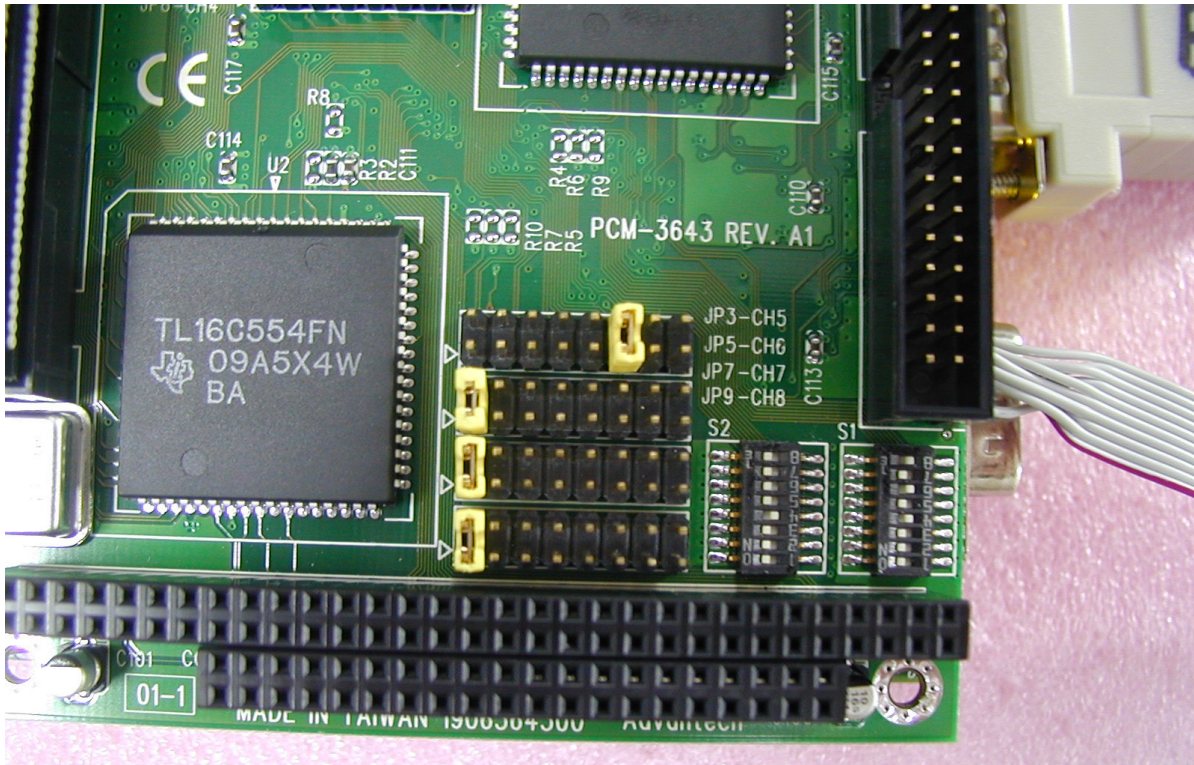
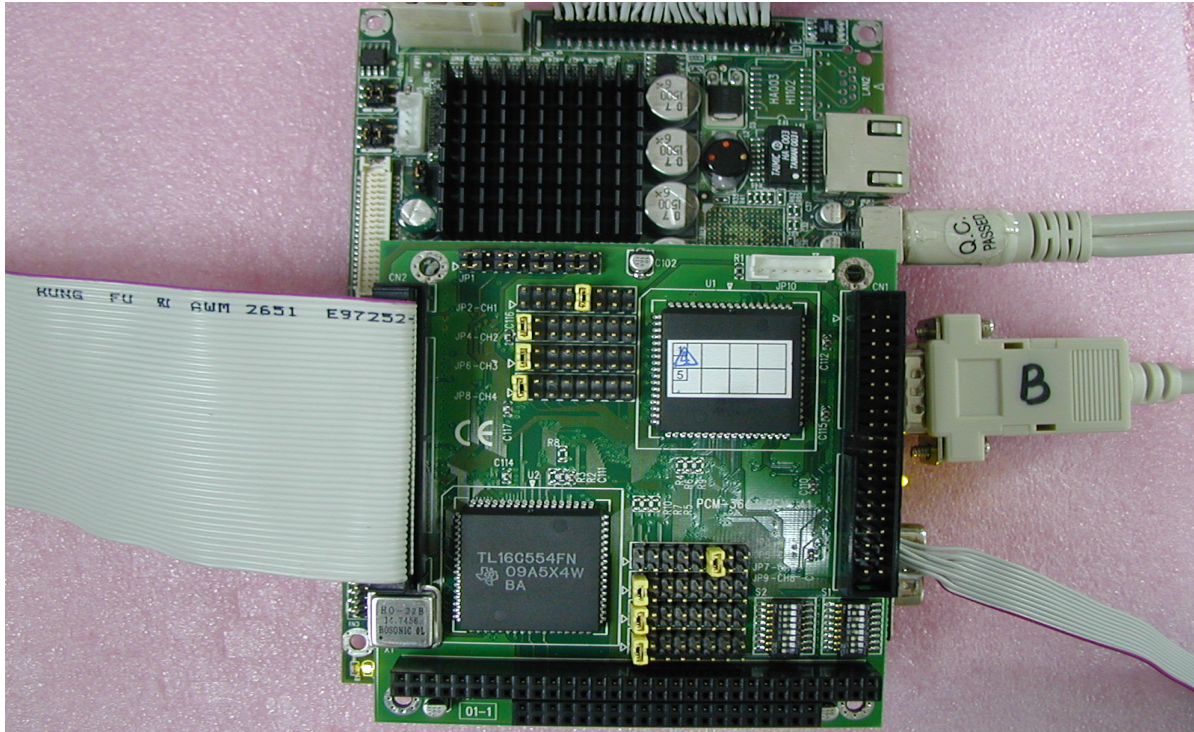


FAQ / Application Note

Subject : How to setup PCM-3643 on ECM-3410	
FAQ Document No: H08014	Date: 2002/09/18
Model No. ECM-3410	Rev. A1
Category: <input type="checkbox"/>General <input checked="" type="checkbox"/>H/W <input type="checkbox"/>S/W <input type="checkbox"/>Others, <u>Setup</u>	
Purpose : ECM-3410 with Advantech PCM-3643 PC-104 module setup.	

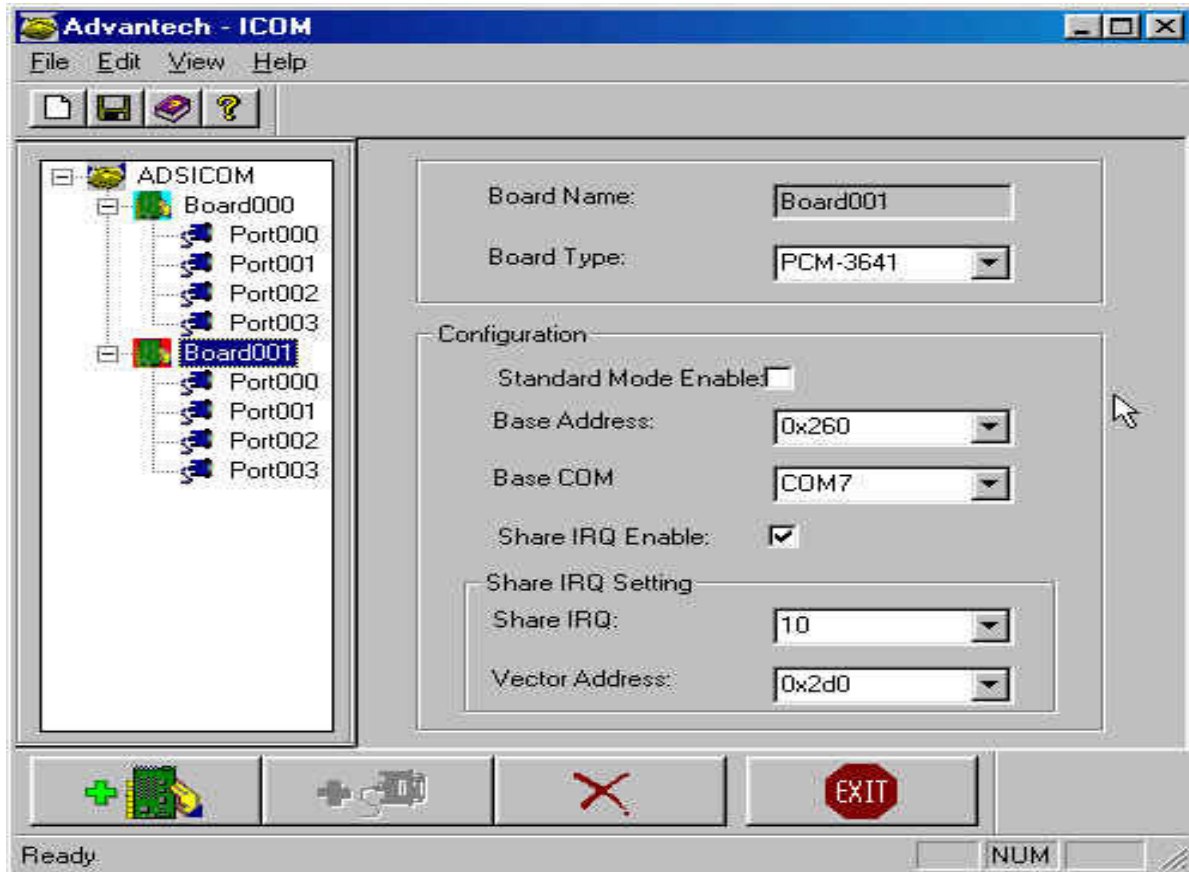
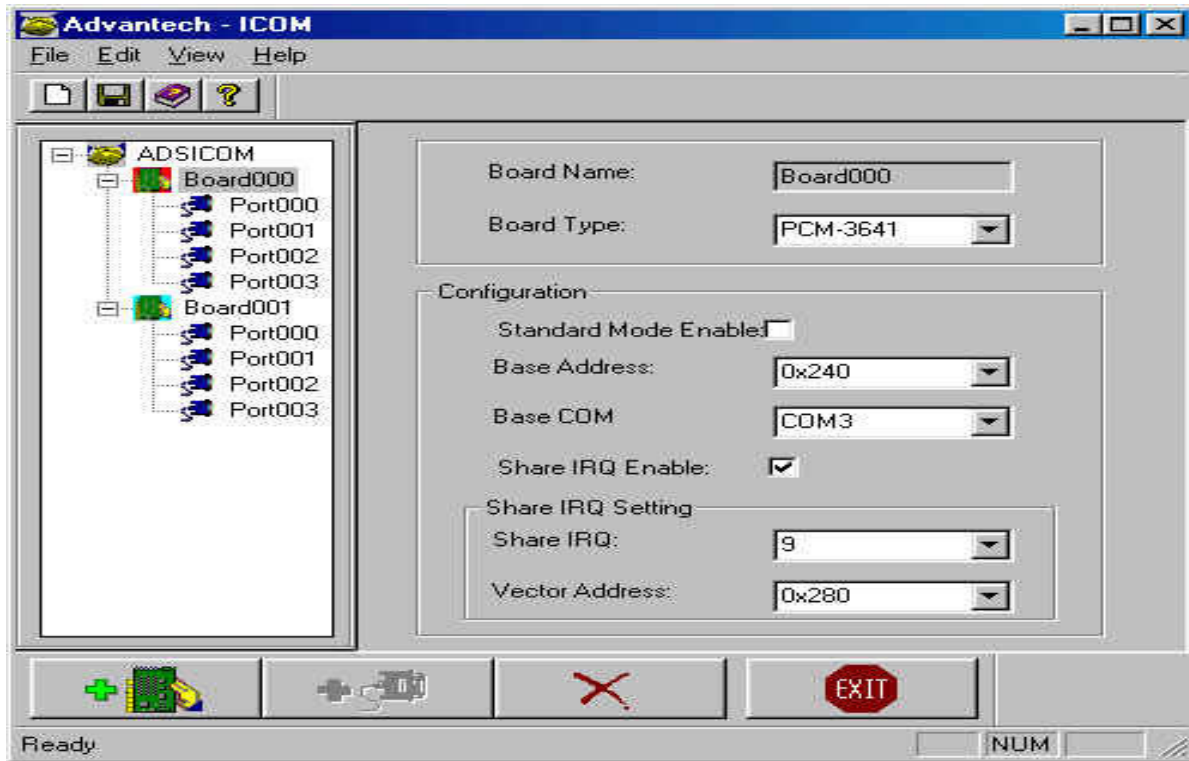
1. Due to the default setting on PCm-3643, we know I/O based is 240H (set by S2 switch 1~6), IRQ register is 280H (set by S1 switch 1~5), and COM1~COM4 sharing 1 IRQ assigned by JP2 and COM5~COM8 sharing 1 IRQ assigned by JP3 (set by S1 switch 7, and switch 8).
2. JP2 default setting is using IRQ5 which conflicts with Audio (We could get this info in BIOS). Hence, we change JP2 setting from IRQ5 to IRQ9 (In Winodws98, we check that IRQ9 is not in use. If IRQ9 is used in your system, you should find another available IRQ and set JP2 to there)
3. Plug on PCM-3643 to ECM-3410, and boot up.
4. In Windows98, you should already install PCM-3643 driver and utilities. Now, please double-click "COM Configure Tool". We need to add COM ports from there.
5. In "COM Configure Tool", click "+" icon, then "Board000" will be added. "Board000" controls 4 COM ports. The settings are as following:
 - Board Type: PCM-3641
 - Standard Mode Enable: Not check
 - Base Address: 0x240
 - Base COM: COM3
 - Share IRQ Enable: Checked
 - Share IRQ: 9
 - Vector Address:0x280
6. Click "+" icon again, then "Board001" will be added. "Board001" controls 4 COM ports. The settings are as following:
 - Board Type: PCM-3641
 - Base Address: 0x260
 - Base COM: COM7
 - Share IRQ Enable: Checked
 - Share IRQ: 10
 - Vector Address:0x2d0

7. Click "Exit".
 8. Reboot Windows98.
- Jumper Setting:**





COM Configure Tool:



Device Manager:

