OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: Redefining the 8000-KBx keyboard keys   AN# 1052B
Date: May 26, 1998
Name: Shiu Moy
Page: 1 of 2

Description: Redefine the 8000-KBx keyboards using the PKIM utility

A bidirectional keyboard port and a PC without a PKIM, PSIC or SKAM board is needed to be able to redefine the keys on a 8000-KBx.

1. Log to the floppy drive and type PKIM with a full-stroke AT keyboard, but do not press the ENTER key. Remove the full-stroke keyboard and plug in the 8000-KBx keyboard and press the ENTER key.

2. PKIM will start to load. A screen with five menu selections: EXIT, FILES, MACROS, UPLOAD, and DOWNLOAD will appear at the top of the screen. This is the main menu.

3. Remove the 8000-KBx keyboard and plug in the full-stroke keyboard. All programming will be done using the full-stroke keyboard.

4. From the FILES menu, select OPEN and type the appropriate file for the 8000-KBx keyboard and press ENTER. The following are different 8000-KBx keyboards and files:

8000-KB5	KBDEF104.PKM
8000-KB6	KBDEF87.PKM
8000-KB7	KBDEF104.PKM
8000-KB8	KBDEF87.PKM

5. Choose MACROS, a menu bar will be displayed with the following four choices: EXIT, VIEW, TEACH and EDIT. Choose TEACH to redefine a key. A diagram of the keyboard will be displayed.

6. Use the arrow keys to move the cursor to the key that will be redefined, and press ENTER. Type the new key assignments, the PKIM utility will record every key stroke from the AT key board into a macro. The ESC key is used to stop recording and return to the TEACH menu.

Subject: Redefining the 8000-KBx keyboard   AN# 1052B
Date: March 16, 1998
Name: Shiu Moy
Page: 2 of 2

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7. To return to the previous menu, press the ESC key. Press the ESC key again to return to the main menu. In the main menu, select FILES and choose the SAVE AS option and type a name for the new file.

8. Select the EXIT option to exit the main menu. A pop-up menu will appear with a message *PKIM not responding,* press the ESC key to exit the PKIM utility.

9. Copy the PKIM.EXE and the new keyboard file to the C: drive.

10. To send the new keyboard file to the 8000-KBx, add the following line to the AUTOEXEC.BAT file:

         PKIM filename

    where the filename is the name of the new keyboard file.

11. Plug the 8000-KBx and reboot the computer. After bootup, remove the 8000-KBx keyboard and plug in the full-stroke keyboard. Open the AUTOEXEC.BAT file and remove or REM out the *PKIM filename* line.