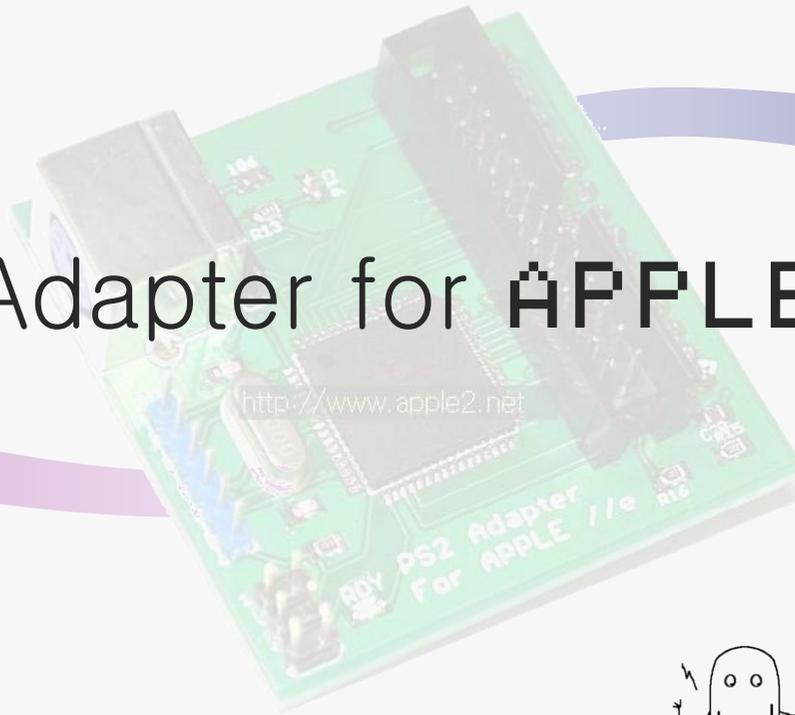


PS2 Adapter for APPLE //e

<http://www.apple2.net>



Ian Kim

Features

It is the Ultimate PS2 adapter for **APPLE //e**.

You can use **PS2 Keyboard** for your **APPLE //e** (Tested on Normal, Enhanced and Platinum).

- ◆ **Support LED indicators** and improved Keyboard key detecting method.
 - ◆ To ON the LED Indicators, I made command transmission routine.
 - ◆ It is small one but, it isn't really small job. Please enjoy with it. I prepared for you.
- ◆ **UART fully supported:** Support UART TTL, (115200/8b/1s). You can keyin to APPLE //e via the UART. I've tested it on the Tera term and made it support all arrow keys and even F5-8 macro works. And Bluetooth wireless dongle works but not enough Key such as CTRL and Arrow are not supported by the Blueterm. If you can find another good terminal, you can use APPLE II via the serial connection.
 - ◆ Your PS2 Key-in will send ASCII on UART also UART data will be sent to APPLE //e.
- ◆ **Number keyboard support:** it always working and lit on the Numlock LED.
- ◆ **Caps lock switching:** Lower and uppercase support and Caps lock LED will follow the statue.
- ◆ **Back space** ; Same as left arrow key
- ◆ **Macro Key**
 - ◆ Just key-in and save it by **Alt+Fn** (Hold Max. 250 letters)
 - ◆ To use, Press **Fn** then it will type what you stored.
 - ◆ Macro data will store into **EEPROM** therefore it wouldn't be erased even if Power off.
 - ◆ **F3**; Recall key; it will re-type what you key-in lat time until enter (Hold Max. 250 letters)
- ◆ **Others**
 - ◆ **CTRL + RESET ; CTRL + Break or CTRL+Scroll Lock** It generates short **Reset signal**
- ◆ **Help message**
 - ◆ **Alt+ESC** will display Macro help message.

Installation

- ◆ First, Remove **power plug** on your APPLE //e
- ◆ Open APPLE //e cover and remove present Keyboard connector.
- ◆ Insert **PS2 keyboard** in the adapter and present Keyboard flat cable over the board.
- ◆ Plug in the Keyboard socket
- ◆ Please tie your PS2 keyboard cable somewhere on the case to avoid any pulling.
- ◆ **Close** the APPLE //e cover and plug-in the power cord.
- ◆ Power **ON** your APPLE //e
If you can see **APPLE //e** and **beeps**, Please key-in anything..
- ◆ If it works properly, Enjoy it on your APPLE //e .

PS2 keyboard compatible

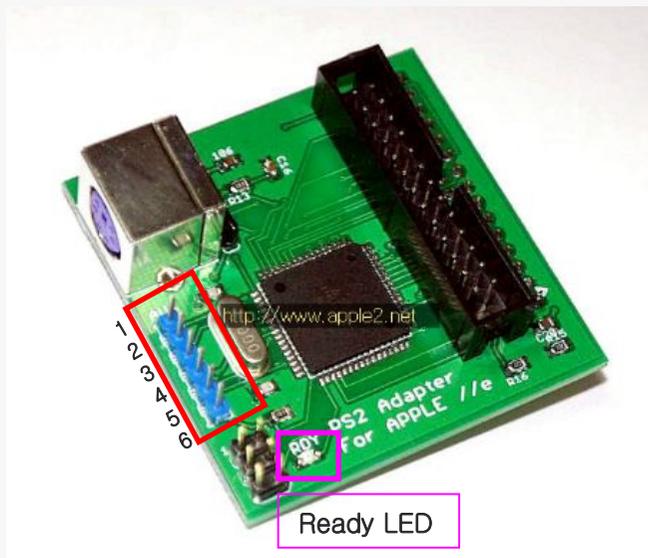
- **English QERTY PS2 keyboard** is properly working. Other language keyboard may have different key-in.
- It works on all my PS2 keyboards.
- Tested DELL 106, i-ROCKS(IKR-KR-6220), LG International(LGK350) and Samsung(SEM-C19V2) PS2 key board.

Installation example



Pin outs

- ◆ This device have AUX pins for external PS2 socket and UART (TTL) connection.
- ◆ With the PIN, You can make your own PS2 socket and can attach on the APPLE //e case.
- ◆ Also you can use UART signal for your own wireless keyboard or data transfer to APPLE //e.



AUX Pin Out

- 1 ; PS2 Data
- 2 ; GND
- 3 ; UART TX
- 4 ; VCC(+5V)
- 5 ; PS2 Clock
- 6 ; UART RX

Warranty and others

- ◇ 3 Months limited warranty(Shipping cost not covered)
- ◇ If disassemble, soldering or modify the board, it may expire the warranty.
- ◇ If you have any question or need help, please send email me. I will do my best to solve your issue.

You may find some of interesting stuffs on my web site

<http://www.apple2.net>

Thank you very much

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