

**SLDC008 LCD PCI POST Diagnostic Card
USER MANUAL**



1. Summary

When power is turned on, POST (Power-On Self-Test) is the diagnostic testing sequence that a computer's basic input/output system (or "starting program") runs to determine if the computer keyboard, random access memory, disk drives, and other hardware are working correctly.

This SLDC008 LCD PCI POST Diagnostic Card use database compress technologies, so we can store all debug error information to MCU. The MCU can analysis debug code and show error information, thus you can repair your motherboard (main-board) quickly. It displays the error message on the LCD.

2. Characteristic

- A. Automatic scroll information, automatic jump to new code/info, need not press any key.
- B. Remember the BIOS selection when power off.
- C. Quickly search code records, long time hit PAGE will jump to 5th steps.

3. Spec & Features

- A. PCI 32-Bit Slot - desktop computer.
- B. LCD display - show detail error message, need not find the meaning of the code like old diagnostic card.
- C. 6 LEDs that can indicate the power supply.
- D. BIOS KEY & PAGE KEY can change BIOS and show previous code.
- E. show the error message of CPU, Memory, display card and so on
- F. Reduce troubleshooting time.
- G. Fit for both Novices and Experienced users

4. Notice

- A. LCD Module must prevent pressure.
- B. Please select correct PCI slots and plug in.
- C. This card cannot support hot-swapping (hot-plug) please do not plug in/out when the motherboard is power on.
- D. Displaying "No debug code" means the motherboard is not running. Please check the CPU and power supply connect correct.
- E. OEM info: We can provide special version in Simplified Chinese, Traditional Chinese, Japanese, Korea, German, French, Russian, etc.

5. LCD LED KEY Display Explain

EG code: **05/18-C3 1**

Mean: 18 codes in total, current 5th code, CODE=C3, PAGE 1

KEY & LED Indications

BIOS KEY	Short time hit to change BIOS. Long time hit stores current selection.
PAGE KEY	Short time hit how previous code. Long time hit show 5 th previous code from current
+12V LED	PCI slots +12V power indicator
-12V LED	PCI slots -12V power indicator
+5V LED	PCI slots +5V power indicator
+3.3V LED	PCI slots +3.3V power indicator
CLK LED	PCICLK signal indicator
SYS LED	MCU running indicator, normally flashing