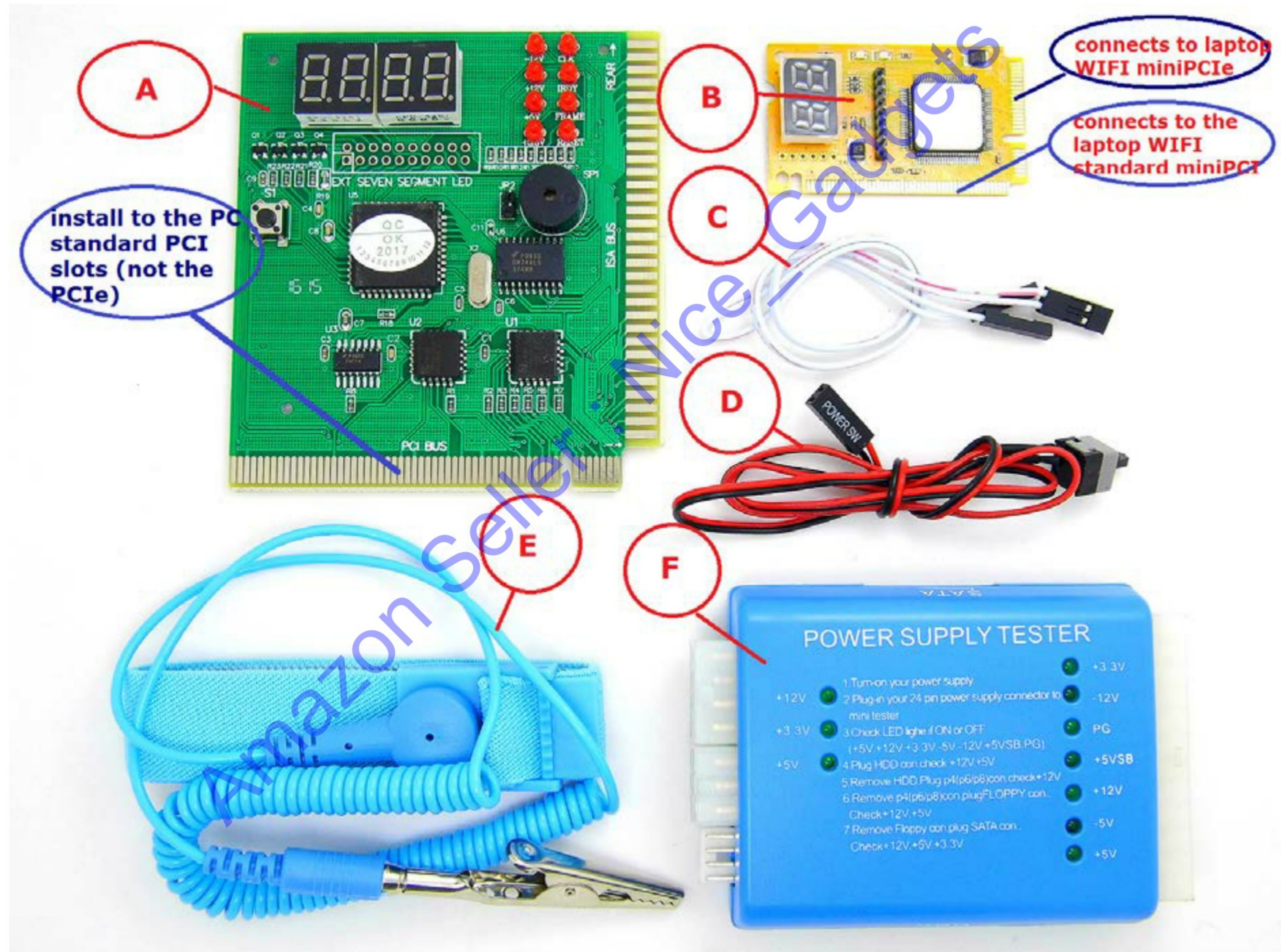


# Easy Guide

for the following PC and laptop computer diagnostic starter test kit  
The letters in the picture represent the each different item in this new diagnostic kit.  
Please look for the different item letters in the following section to learn the descriptions of each item.



This new computer diagnostic starter kit consists of the following items:

- A.** Desktop PC standard PCI motherboard diagnostic card
- B.** Laptop full sized miniPCI + miniPCIe diagnostic card
- C.** Twisted cable for BIOS beep codes
- D.** PC motherboard power switch cable
- E.** Corded antistatic wrist strap
- F.** ATX power supply units (PSU) tester

This new nice PC and laptop diagnostic kit is a set of the starter kit for quick check and troubleshooting the desktop and laptop computer hardware faults.

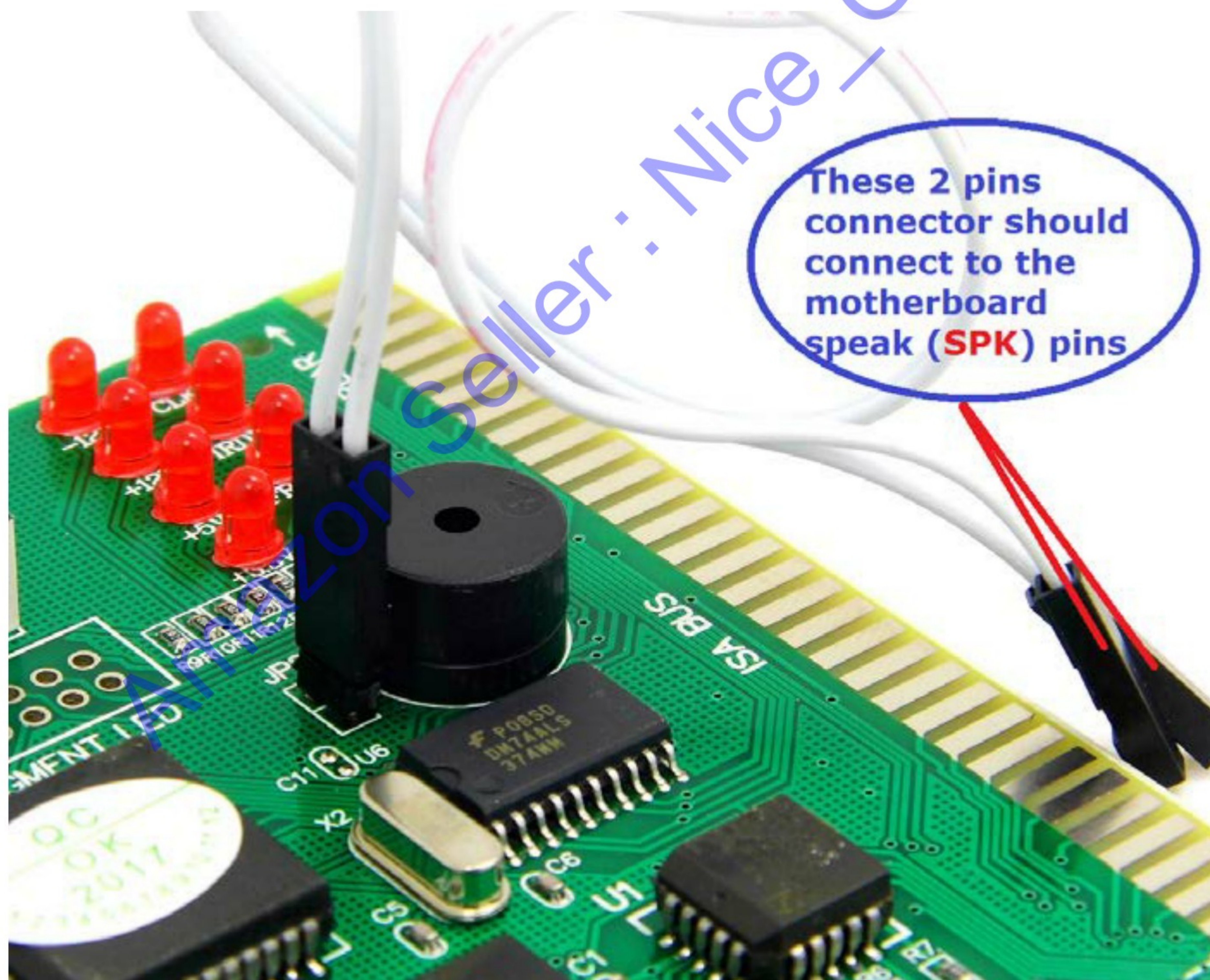
This guide is a quick summary for how to use this new diagnostic kit.

More details, please kindly see the other each pictorial manuals besides this easy guide.

Item **A**. The [Desktop PC standard PCI motherboard diagnostic card](#) should be installed to the ad stated desktop PC computer motherboard STANDARD PCI slots but not the other PCIe express slots that had not been advertised in the listing ads.

Item **B**. The [Laptop full size miniPCI + miniPCIe diagnostic card](#) is a laptop combo diagnostic card that works on laptop computers both full size standard miniPCI and miniPCIe WIFI connectors.

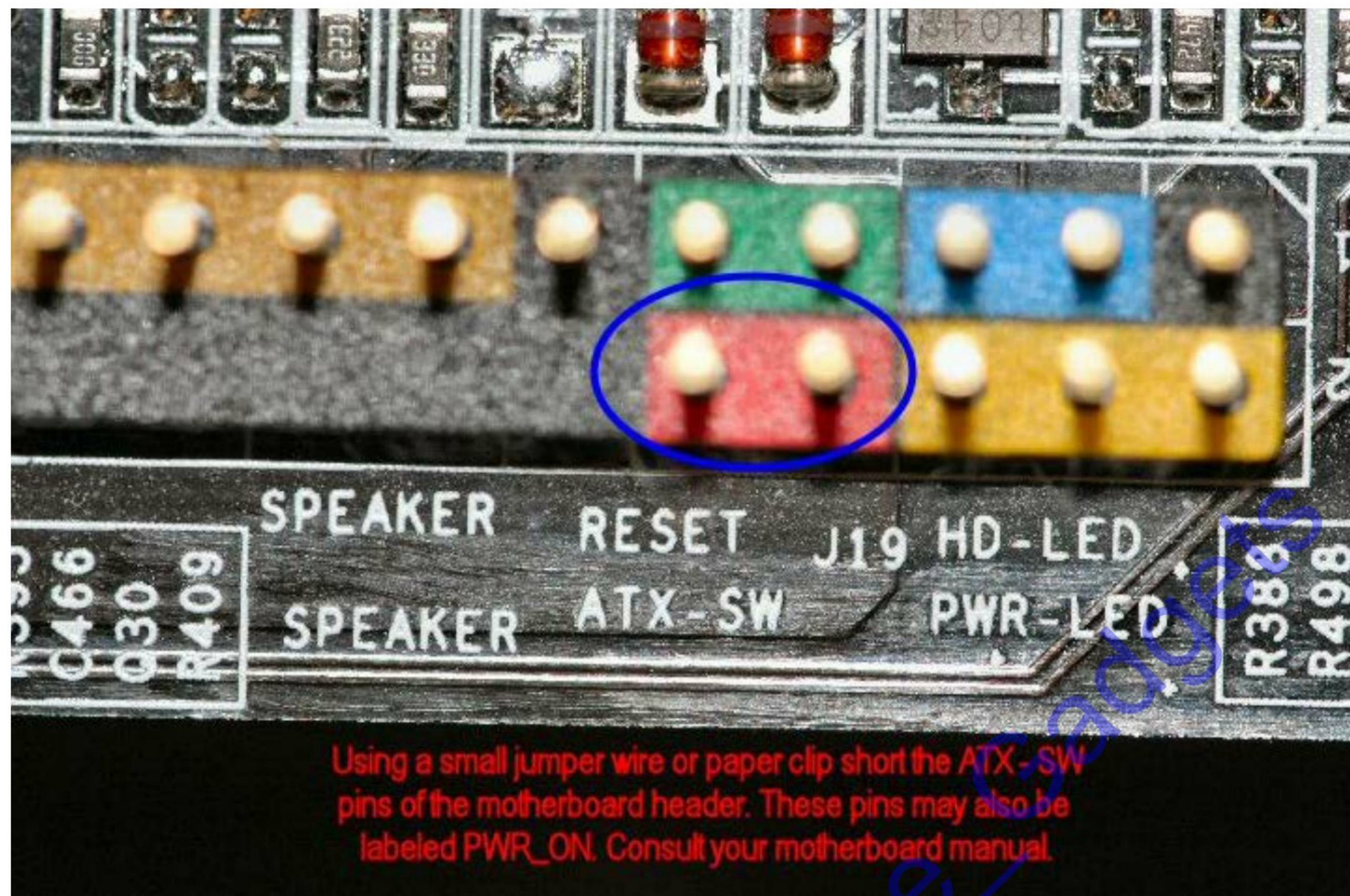
Item **C**. The [Twisted cable for BIOS beep codes](#) is a small audio cable that connects the motherboard speaker pins to the diagnostic card (Item **A**) so that we can hear the motherboard Bios beep codes on the diagnostic card built-in speaker. The Bios beep codes are also helpful in the computer repair and troubleshooting. (We only need to connect this cable when the motherboard does not come with the onboard speaker for beep codes.) Please see the following picture for more info.



Item **D**. [The PC power switch cable](#) is a 50cm / 19.7 inch long power cable with the power switch button. This cable should be connected to the motherboard power on command pins (this will act like the computer case power switch button that triggers the power ON and OFF command). This power switch cable allows the quick check of the PC power button and the power wire. This helps to rule out if the semi faulty

computer case power button is causing the intermittently no power on or auto power off issues. This is an essential check before we proceed to check on the other components such as the power supply unit (PSU), CPU, motherboard...etc. for no Power no POST no display ... issues.

In the following picture, this power switch cable needs to connect to the 2 pins on the motherboard as highlighted.



Item [E](#). The [Corded Antistatic wrist strap](#) is a nice elastic corded strap that should be wear on our left or right wrist, and the other end of the strap, the crocodile jaw, need to catch to the grounding source to help making sure our hands are static free.

Item [F](#). The [ATX Power Supply Unit \(PSU\) tester](#) is nice and essential to quick check on the ATX PC power supply unit voltages and working conditions. The instruction steps have been printed on the PSU tester unit itself. The brilliant LEDs and built-in speaker will show the PSU different voltages working condition and alert the errors. Just connect the computer PSU 20 / 24 pins main power connectors to this tester, and also connect each different power connector such as SATA, IDE HDD/CDROM, floppy, 4 / 6 / 8 pins video system accessories ...etc. power connectors to this PSU tester to check if the each different power connector is working within specs.

Hope these help, for more instruction steps and details, please kindly see the other pictorial manuals come with this easy guide.

If need more helps, please reply anytime, my friend.

Free life time support!

Thank you.

William