

Motherboard troubleshooting

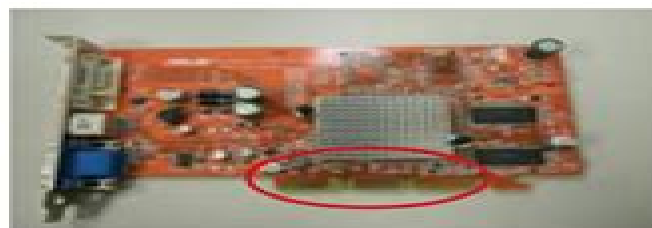
This guide provides some solutions to the problems you may encounter after assembling your PC. Try performing the suggested solutions before calling for technical support.

Solutions to basic problems

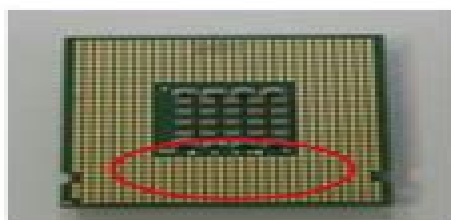
Many booting failures are caused by negligence in following simple procedures such as connecting cables or installing computer peripherals like graphic cards, memory modules, CPU, or heatsink fan assembly. This section provides basic tips on how to avoid these problems.

Check connectors

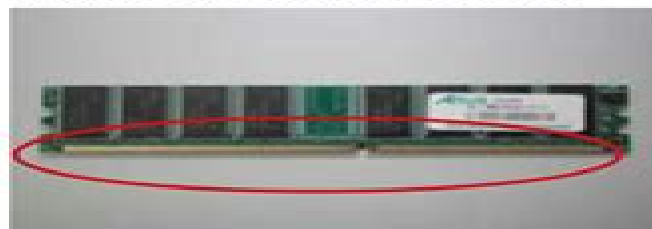
- Make sure there is no foreign material on the goldfingers or pins. See pictures 1, 2, 3, 4, and 5.
- Wipe the surface of the goldfingers with clean cloth or eraser.
- Make sure the pins on the IDE, CPU and onboard connectors are not bent. See pictures 4 and 5.



Picture 1. Goldfingers of a VGA card



Picture 3. Socket LGA 775



Picture 2. Goldfingers of a DDR module



- If the damage to the pins occurred due to customer handling, the retailer may charge you or refuse to repair the damaged components.
- Contact your retailer if any of the components are bent, damaged, or missing.

Troubleshooting Guide For Motherboard

Michael Meyers



Troubleshooting Guide For Motherboard:

PC Troubleshooter Resource Guide TechRepublic, Incorporated, 2004 **Mike Meyers' A+ Guide to Managing and Troubleshooting PCs, Second Edition** Mike Meyers, 2007-03-15 Essential Skills for a Successful IT Career Mike Meyers the leading authority on CompTIA A training and certification has helped hundreds of thousands of people master CompTIA A PC technician skills and now he can help you too Completely updated for the new CompTIA A standards Mike Meyers' *CompTIA A Guide to Managing and Troubleshooting PCs Second Edition* will help you pass the CompTIA A certification exams and become an expert hardware technician Inside you'll find helpful on the job tips end of chapter practice questions and hundreds of photographs and illustrations Learn how to Work with CPUs RAM and motherboards Install partition and format hard drives Work with portable PCs PDAs and wireless technologies Install upgrade and troubleshoot Windows 2000 Professional and Windows XP Install sound and video cards Manage printers and connect to networks Implement security measures Understand safety and environmental issues Establish good communication skills and adhere to privacy policies The CD ROM features Eight full practice exams covering CompTIA A Essentials and Exams 220 602 220 603 and 220 604 One hour of LearnKey video training featuring Mike Meyers teaching key CompTIA A topics Electronic copy of the book Complete exam objective map for all four exams List of official CompTIA A acronyms Useful tools and utilities for PC technicians Each chapter includes Learning objectives Photographs and illustrations Real world examples Try This and Cross Check exercises Tech tips notes and warnings End of chapter quizzes and lab projects *PC Troubleshooting Pocket Guide* Jean Andrews, 2004 This compact volume provides essential diagnostic and troubleshooting information in a portable size 4 by 7 inches The *PC Troubleshooting Pocket Guide* will help individuals diagnose computer problems with ease and speed Updated to include information on Windows XP Windows 2000 and Linux this is an essential tool for anyone who needs to find PC information quickly and efficiently **Mike Meyers' A+ Guide to Managing and Troubleshooting PCs Lab Manual** Michael Meyers, Lloyd Jeffries, 2003-12 Features 40 labs that challenge readers to solve problems by applying the concepts taught *CompTIA A+ Complete Study Guide, Deluxe Edition* Quentin Docter, Emmett Dulaney, Toby Skandier, 2006-10-30 All in one guide prepares you for CompTIA's new A Certification Candidates aiming for CompTIA's revised two exam A Certified Track will find everything they need in this value packed book Prepare for the required exam CompTIA A Essentials 220 601 as well as your choice of one of three additional exams focusing on specific job roles IT Technician 220 602 Remote Support Technician 220 603 or Depot Technician 220 604 This in depth book prepares you for any or all four exams with full coverage of all exam objectives Inside you'll find Comprehensive coverage of all exam objectives for all four exams in a systematic approach so you can be confident you're getting the instruction you need Hand on exercises to reinforce critical skills Real world scenarios that show you life beyond the classroom and put what you've learned in the context of actual job roles Challenging review questions in each chapter to prepare you for exam day Exam

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source poly metal gate metal cut taken along a a line source metal dielectric

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web follow the below steps to conduct the diode test 1 for this test set the multimeter in the diode mode 2 for n channel mosfet connect the red probe positive to the source and black one at the drain common the body diode is in forward bias condition this way

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