Mindluster Platform

About the course Electronics circuits and components

Electronics circuits and components course, in this course designed to provide participants with a comprehensive understanding of the fundamental principles, components, and circuitry involved in electronic systems. Throughout this course, participants will explore various topics, including circuit design, analysis, and practical applications of electronic components. With a focus on both analog and digital electronics, participants will learn about resistors, capacitors, inductors, diodes, transistors, and integrated circuits, among other components. Practical demonstrations and hands-on exercises will help participants gain proficiency in testing, measuring, and troubleshooting electronic circuits. Additionally, participants will delve into advanced concepts such as microcontrollers, embedded systems, and semiconductor devices, preparing them for a wide range of applications in the field of electronics. Whether you're a beginner or an experienced enthusiast, this course offers invaluable insights and practical knowledge to excel in electronics circuits and components.

Computer Softwares Category's Courses

Course Lesson(38)

Lesson 1 :
Learn Electronics Repair 17 Circuits And Components for Beginners 2 Alternating Direct Current

Lesson 2 : **Learn Electronics Repair 23 Circuits and Components for Beginners 3 RESISTORS**

Lesson 3 : **Learn Electronics Repair 24 Circuits and Components for Beginners 4 RESISTORS 2**

Lesson 4 :
LER 036 Circuits Components for Beginners 5 Learn About Capacitors Bad Faulty How They Fail

Lesson 5 :
LER 037 Circuits Components for Beginners 6 How to find and test bad capacitors Fault Finding

Lesson 6 : **LER 043 Circuits And Components For Beginners 7 Inductors How they Work Tutorial**

Lesson 7 : **LER 048 Circuits Components for Beginners 8 How Diodes Work How to test them**

Lesson 8 : **Transistors Part 1 How Transistors Work Circuits Components for Beginners 053**

Lesson 9 :
Transistors Part 2 Understanding Transistor Circuits Circuits Components For Beginners LER 054

Lesson 10 :
Transistors for Beginners Part 3 How to test diagnose and repair Transistor circuits LER 055

Lesson 11 : **How To Use A Multimeter**

Lesson 12 : **How To Find Short Circuit VRM MosFET With An ESR Meter**

Lesson 13 :
How To Locate Short Circuit Mosfets on a GPU Learn Electronics Repair 063 Short Circuit Tracing

Lesson 14 : **8 Component Tester LCR 4T Review Learn Electronics Repair 064**

Lesson 15 : **How to test TL431 KIA431 Learn Electronics Repair 078**

Lesson 16 : **How to test TL494 KA7500 PWM Controller IC**

Lesson 17 :
How To Test Zener Diodes LED Lights Without Variable Lab Bench PSU LED Tester ENGLISH

Lesson 18 :
The ULTIMATE LED Christmas Lights Repair Guide with or WITHOUT a bench PSU LER 162

Lesson 19 : **How to SAFELY use Voltage Injection to trace Short Circuits Tutorial LER 174**

Lesson 20 : **All You Need To Know About RESISTORS To Fix Stuff LER 179**

Lesson 21 : **All You Need To Know About CAPACITORS To Fix Stuff LER 182**

Lesson 22 : **All You Need To Know About INDUCTORS To Fix Stuff LER 187**

Lesson 23 :
Anyone Can Make â,¬60 an Hour Doing SIMPLE Repairs Scarlett 2i4 USB mixer Head Massager

Lesson 24 : **All You Need To Know About DIODES To Fix Stuff LER 196**

Lesson 25 : **All You Need To Know About DIODES To Fix Stuff LER 196**

Lesson 26 :
All You Need To Know About Zener Diodes To Fix Stuff And TVS Diodes How Zener Diode Works

Lesson 27 :
All You Need To Know About TRANSISTORS To Fix Stuff How Transistors Work Test In Out of Circuit

Lesson 28 :
How To Salvage Components From Electronics The Tutorial Guide Salvaging Cheap Components

Lesson 29 :
Electronics Repair Is Hard Enough Already Don t Make This Stupid Mistake And Make It Worse

Lesson 30 : **The Art Of Methodical Fault Finding A Practical Example**

Lesson 31 : **All You Need To Know About Logic Gates To Fix Stuff Tutorial Guide**

Lesson 32 :
How To Diagnose Faults In Transistor Circuits Part 2 A Practical Example Samson TXM16 1000W Mixer

Lesson 33 : **How To TEST OP AMPS Using A Multimeter vs Op Amp Tester Project Single Dual**

Lesson 34 :
An Absolute Beginners Guide To Designing PCBs using Easy EDA Make PCB From A Schematic

Lesson 35 :
All You Need To KNOW About SCR Thyristors Traics and Diacs To FIX Stuff How They work tutorial

Lesson 36 :
An Absolute Beginners Guide To Designing PCBs using Easy EDA Make PCB From A Schematic Part 2

Lesson 37 :
All You Need To KNOW About Potentiometers To FIX Stuff How They work tutorial How To Repair

Lesson 38 : **How Can A FAULTY Rectifier Diode Test OK In Diode Mode**

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