

How to Solder - Basic Soldering Guide



Soldering is process of joining two metals together with soldering iron by the use of a solder to form a dependable electrical joint.

This is a basic soldering guide for beginners about hand soldering with a soldering iron. I hope that it will be good help for most of your DIY projects from electronics. If you are experienced in soldering, your comments are welcome in "comments" area. In this instructable I will cover the following topics:

- safety precautions before we start soldering operation
- choosing appropriate soldering iron and solder
- preparing for soldering
- soldering
- inspection of solder joints

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Getting Started with Soldering Marc de Vinck,2017-10-11 Getting Started with Soldering not only teaches new makers and experimenters the core principles of soldering it also functions as an excellent reference and resource for beginners and more advanced makers alike The book guides readers through the fundamentals of soldering explains the tools and materials demonstrates proper techniques and shows how to fix mistakes or broken connections It even includes guidance on more advanced techniques such as surface mount soldering for electronics From choosing the right soldering iron to making perfect connections readers will acquire the knowledge and skills needed to form a strong foundation for a lifetime of making Soldering is a core concept in making electronics prototyping and home repairs The many different types of soldering requiring different materials and tools are explained with easy to follow instructions Full color photographs and illustrations throughout create a visually engaging format for learning Pricing and technical considerations help readers select the best tools for their budgets and needs Troubleshooting guidelines show how to repair solder connections that have failed from improper technique or from age

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