

Drsstc Building The Modern Day Tesla Coil Volcay

How to build a Tesla Coil. Design, Theory and Compromises! [2018 Live reupload] - How to build a Tesla Coil. Design, Theory and Compromises! [2018 Live reupload] 1 hour, 45 minutes - A live broadcast with focus on designing **Tesla coils**,, with special focus on the **DRSSTC**, topology. Frequently Asked Questions ...

Mini DRSSTC Upgrade 2018-2019 First Run (Musical Tesla Coil) - Mini DRSSTC Upgrade 2018-2019 First Run (Musical Tesla Coil) 1 minute, 9 seconds - Song: Калинка - Малинка Testing the new hardware I worked on for my Mini DRSSTCs. I hope you enjoy it! More info: ...

60+ kW DRSSTC Tesla coil 15'+ sparks. 1st runs on 4th new secondary coil. - 60+ kW DRSSTC Tesla coil 15'+ sparks. 1st runs on 4th new secondary coil. 38 seconds - First runs on 4th secondary **coil**,. Coupling reduced to .141 to reduce racing sparks and repeated secondary **coil**, destruction.

Bobine de Tesla QCW DRSSTC 1 - Bobine de Tesla QCW DRSSTC 1 15 seconds - Thanks to Eugene Negrobov and Gao Guangyan (loneoceans) for their inspiration and help.

Bobine de Tesla QCW DRSSTC 2 - Bobine de Tesla QCW DRSSTC 2 17 seconds - Thanks to Eugene Negrobov and Gao Guangyan (loneoceans) for their inspiration and help.

Designing A Complete DRSSTC Tesla Coil In 10 Minutes - Designing A Complete DRSSTC Tesla Coil In 10 Minutes 19 minutes - In this video I challenge myself to design a complete **Tesla Coil**, in 10 minutes! The overall design limits include: **DRSSTC**,

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topology ...

How a Tesla Coil Works: Complete Explanation of DRSSTC Principles \u0026amp; Power Electronics - How a Tesla Coil Works: Complete Explanation of DRSSTC Principles \u0026amp; Power Electronics 31 minutes - Discover how a **Tesla Coil**, generates mesmerizing high-voltage sparks in this detailed explanation by Gregory. This video breaks ...

How I built a device that shoots 1.5 meter lightning | QCW Tesla Coil - How I built a device that shoots 1.5 meter lightning | QCW Tesla Coil 29 minutes - Over the past two years, I've been **building**, this **tesla coil**, that shoots massive arcs of electricity. It was... challenging to say the least ...

DIY DRSSTC Music Tesla coil with Interrupter using cheap Driver Module - DIY DRSSTC Music Tesla coil with Interrupter using cheap Driver Module 19 minutes - This project is sponsored by PCBWAY <https://www.pcbway.com/?from=MirkoP> Participate in the PCBWay project design contest: ...

INSANE 30,000 Watt Tesla coil making HUGE sparks! DRSSTC - INSANE 30,000 Watt Tesla coil making HUGE sparks! DRSSTC 48 seconds - Full bridge cm600ha-24h Liquid cooled primary 2000A primary **current**, 12.75x48" 22awg 1.14uF mmc 26800uF bus cap 36x10 ...

Bobine de Tesla DRSSTC Daft Punk Aerodynamic - Bobine de Tesla DRSSTC Daft Punk Aerodynamic 1 minute, 32 seconds - Thanks to Daniel McCauley and Gao Guangyan (loneoceans) for their inspiration and help.

World's Easiest QCW Tesla Coil (Staccato-Ramped DRSSTC) | The Ultimate Build Guide - World's Easiest QCW Tesla Coil (Staccato-Ramped DRSSTC) | The Ultimate Build Guide 12 minutes, 50 seconds - Enjoy this video? Be sure to check out my latest and greatest **Tesla coil**, tutorial, which shows you how to **build**, your own ...

Intro

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Finding the optimal design

Going dual-resonant

Making it DR-capable

QCW basics

Staccato solution

Optimizing a QCW coil

The final circuit

PCBgogo sponsorship segment

BUILD MONTAGE!!

Activating the machine

Performance details

PCB giveaway!

Special thanks and credits

How to Build a Large DRSSTC | Part One: Designing the Coil - How to Build a Large DRSSTC | Part One: Designing the Coil 15

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minutes - DRSSTC, are basically the ultimate DIY lightning machine, but they aren't exactly easy to **build**,. So what exactly goes into ...

Intro

The DRSSTC

Video layout

DRSSTC basics

The driver

Gate drive and ferrites

Snubber capacitors

IGBT inverter and bus supply

Interruption and fiber optics

The coils and tank capacitor

Tuning discussion

My DRSSTC plan

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Creality Falcon 2 sponsorship segment

Concluding remarks

How to build a Tesla coil. Design, theory and compromises! - How to build a Tesla coil. Design, theory and compromises! 1 hour, 45 minutes - If you want to **build**, your own? Visit www.kaizerpowerelectronics.dk and www.highvoltageforum.net A live broadcast with focus on ...

I Took a Tesla Coil WAY TOO Far (Pulse-Skipping DRSSTC) - I Took a Tesla Coil WAY TOO Far (Pulse-Skipping DRSSTC) 10 minutes, 35 seconds - for 1-8 Layer PCB,\$3 for JLCPCB Stencil,Sign up here to Get Free PCB/Stencil Coupons: <https://jlcpcb.com/?from=Teslaundmehr> ...

Epic Teaser

The Tesla Coil

How does it work?

The Built

Epic Test one

Epic Test two

INSANE 30,000 Watt Tesla coil making HUGE sparks! DRSSTC - INSANE 30,000 Watt Tesla coil making HUGE sparks! DRSSTC 1 minute, 9 seconds - Full bridge cm600ha-24h Liquid cooled primary 2000A primary **current**, 12.75x48\" 22awg 1.14uF mmc 26800uF bus cap 36x10 ...

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Xenosonic Audio Modulation DRSSTC Tesla Coil - Xenosonic Audio Modulation DRSSTC Tesla Coil 43 seconds - The Xenosonic Audio modulator interface is featured here on an initial testing run hooked up to an Eastern Voltage Research ...

miniBrute DRSSTC Tesla Coil Kit - miniBrute DRSSTC Tesla Coil Kit 1 minute, 6 seconds - The miniBrute DRSSTC Tesla system, which is featured in the book, **DRSSTC,: Building the Modern Day Tesla Coil**, - MiniBrute ...

✂DIY DRSSTC Tesla Coil Overview ✂#diy #teslacoil #drsstc - ✂DIY DRSSTC Tesla Coil Overview ✂#diy #teslacoil #drsstc 23 minutes - This was not explaining everything but a good part about a **DRSSTC**,.

Building a QCW Tesla Coil - Building a QCW Tesla Coil 11 minutes, 28 seconds - In this video, we explore how to **build**, a quasi continuous wave or QCW **Tesla coil**,. These devices are technically challenging to ...

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