

Resonant Power Converters Solutions

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Power Electronics - Resonant Converters - Intro by Power Electronics with Dr. K 1 year ago 12 minutes, 31 seconds 7,742 views This is the introduction to our video sequence on , resonant DC-DC , conveter. We focus our analysis on series LC and series LLC

[Scaling laws to design LLC resonant converters for Wireless Power Transfer Systems](#)

Scaling laws to design LLC resonant converters for Wireless Power Transfer Systems by IEEE SFBAC PELS 1 year ago 1 hour, 14 minutes 2,456 views July 25, 2019 Abstract: See how we can take a , resonant , (LLC) kernel of a certain wattage at a certain frequency and scale it to

[Design of LLC Resonant Converter | Power Electronics](#)

Design of LLC Resonant Converter | Power Electronics by Ahmad Elkhateb 2 months ago 27 minutes 1,269 views This , power , electronics video presents a design of LLC , resonant converter , . The derivation for the voltage gain is presented and

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DC-DC Series Resonant Converter | Resonant Load Converters | Power Electronics by Ahmad Elkhateb 3 months ago 24 minutes 565 views This , power , electronics video presents an introduction to , dc-dc , series , resonant converter , , , resonant , load , converters , . Series

[EEVblog #1294 - LLC Resonant Mode Converter Design](#)

EEVblog #1294 - LLC Resonant Mode Converter Design by EEVblog 1 year ago 18 minutes 32,487 views Forum: EEVblog Main Web Site: <http://www.eevblog.com> The 2nd EEVblog Channel: <http://www.youtube.com/EEVblog2> Support

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Power Electronics - Series Resonant Converters - Gain Equation by Power Electronics with Dr. K 11 months ago 11 minutes, 33 seconds 2,641 views "Survey of , Resonant Converter , Topologies," by Sheng-Yang Yu, Runruo Chen and Ananthkrishnan Viswanathan, Reproduced

[KEMET Webinar | Designing in the Best Passives For Resonant Converters](#)

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[LLC Resonant Converter Design Tool](#)

LLC Resonant Converter Design Tool by NXP - Design with us 9 months ago 4 minutes, 22 seconds 2,970 views The main focus of the design tool is to address common issues proactively, such as corner case stress of devices, device

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Soft Switching Hard Switching vs Resonance | Resonant Converters | Power Electronics by Ahmad Elkhateb 3 months ago 22 minutes 669 views This , power , electronics video presents an introduction to hard switching and soft switching and how , resonant converters , and

[Developing Clean Efficient Power with LLC Resonant Converters with Infineon](#)

Developing Clean Efficient Power with LLC Resonant Converters with Infineon by EE Journal 7 years ago 37 minutes 42,922 views Ready to get your black belt in DC , power conversion , ? In this episode of Chalk Talk, Amelia Dalton chats with Sam Abdel-Rahman

[A primer to resonant DC-DC converters](#)

A primer to resonant DC-DC converters by Sam Ben-Yaakov 4 years ago 20 minutes 35,516 views An intuitive explanation of the basics of , resonant converters , and elements of their analysis and design - including some aspects of

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Hunting Lodge ?– Will (Full Album) by J N 5 months ago 48 minutes 2,255 views A1 Na Vilavilaireru 0:00 A2 We Are They 6:20 A3 Hand Of Glory 12:23 A4 Shugendo Gyoza / You Are Of Me 16:53 B1 Icepick

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Resonant Transformer Construction by Okki Moeljadi 3 years ago 10 minutes, 26 seconds 6,798 views Here you can see how I build my , resonant , transformer.

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Hunting Lodge - Will by Paul Dickerson 8 years ago 4 minutes 13,149 views L.C. Diehl/R. Skott. Extracted from the Will LP, S/M Operations, 1983.

[Basics of PWM Converters Controller Design. Part I. Fundamentals](#)

Basics of PWM Converters Controller Design. Part I. Fundamentals by Sam Ben-Yaakov 4 years ago 29 minutes 46,936 views An intuitive explanation of the basic concepts and theory of PWM , converters , controller design. This is a first part of a two parts

[Using the NanoVNA to Measure Antenna SWR and Resonance](#)

Using the NanoVNA to Measure Antenna SWR and Resonance by joe smith 1 year ago 9 minutes, 58 seconds 63,135 views Video demonstrating using the NanoVNA to measure , resonant , frequency and standing wave ratio of an antenna. Link to my

[Electrical Power System Harmonics Explained](#)

Electrical Power System Harmonics Explained by Brainfiller Arc Flash Training 5 years ago 4 minutes, 43 seconds 100,597 views In this video, Jim , answers , the question, "What Are Harmonics?" What are harmonics and how do they get into the , power , system?

[Microchip: LLC Resonant Converter Reference Design using the dsPIC DSC](#)

Microchip: LLC Resonant Converter Reference Design using the dsPIC DSC by Ankur Tomar 9 years ago 19 minutes 35,340 views

[Series Resonant Inverters | Resonant Converters | Power Electronics](#)

Series Resonant Inverters | Resonant Converters | Power Electronics by Ahmad Elkhateb 3 months ago 34 minutes 460 views This , power , electronics video presents an introduction to series , resonant inverters , , , resonant converters , . Series , resonant converter ,

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Three-Layer Control Strategy for Resonant Converters by Power Electronics 9 months ago 2 minutes, 59 seconds 1,107 views Join Dr. Martin Ordonez , Power , Electronics Lab's graduate Mehdi Mohammadi as he gives a brief synopsis of his PhD thesis on

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Resonant LLC converter power stage design: the intuitive approach by Sam Ben-Yaakov 2 years ago 22 minutes 21,619 views An intuitive approach to the design of the , power , elements of a , resonant , LLC , converter , .

[Webinar: High-efficiency, Resonant DC/DC Converter for Fast EV Charger Designs](#)

Webinar: High-efficiency, Resonant DC/DC Converter for Fast EV Charger Designs by Wolfspeed, A Cree Company 4 years ago 1 hour, 1 minute 16,753 views Designers of , power converters , in the 15 KW to 150 KW range are challenged to improve power efficiency, reduce system size,

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ECEN 5817 Resonant and Soft Switching Techniques in Power Electronics - Sample Lecture by CUBoulderGraduate 3 years ago 53 minutes 12,564 views Sample lecture at the University of Colorado Boulder. This lecture is for an Electrical Engineering graduate level course taught by

[LLC Converter Design Using Scaling Laws](#)

LLC Converter Design Using Scaling Laws by Dr. Ray Ridley 4 months ago 2 hours, 2 minutes 2,482 views This unique presentation is by Nicola Rosano, a guest speaker. It shows how the complex process of LLC , converter , design

[Why GaN 03 – Applications: Data Center DC-DC Conversion](#)

Why GaN 03 – Applications: Data Center DC-DC Conversion by EPC Corporation 11 months ago 22 minutes 9,524 views In this video, application examples where GaN technology and devices are enabling a new generation of , power converters , for

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