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# Gan Transistors For Efficient Power Conversion By Alex Lidow Johan Strydom

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*May 23rd, 2020 - this chapter discusses and relates the basic electrical characteristics of gallium nitride gan transistors to the physical characteristics of the devices it pares the electrical characteristics to state of the art silicon power metal oxide silicon field effect transistors in order to explore both their similarities and differences'*

**'ALEX LIDOW**

*MAY 5TH, 2020 - ALEX LIDOW IS CEO AND CO FOUNDER OF EFFICIENT POWER CONVERSION EPC FORMER CEO OF INTERNATIONAL RECTIFIER AND IS THE CO INVENTOR OF THE HEXFET POWER MOSFET A POWER TRANSISTOR LIDOW IS CO AUTHOR OF THE BOOK GAN TRANSISTORS FOR EFFICIENT POWER CONVERSION 2012 WILEY HE HAS AUTHORED NUMEROUS PEER REVIEWED PUBLICATIONS ON RELATED SUBJECTS AND RECEIVED THE 2015 SEMI AWARD FOR NORTH AMERICA'*

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December 26th, 2019 - gan theory and applications such as lidar dc dc conversion and wireless power using gallium nitride fets and ics form the focus of this third edition of gan transistors for efficient power

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may 22nd, 2020 - editor s note we bring you chapter 5 buck converters of gan transistors for efficient power conversion published by power conversion publications the authors delve into various buck converter designs using gan fets as the foundational part of the design architecture previously we shared chapter 1 gallium nitride gan technology overview and chapter 6 isolated full

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