


[DOWNLOAD](#)


Power Supplies for LED Driving

By Steve Winder

ELSEVIER SCIENCE TECHNOLOGY, United Kingdom, 2008. Paperback. Book Condition: New. 234 x 188 mm. Language: English . Brand New Book. Light-emitting diodes are being widely used due to their efficient use of power. The applications for power LEDs include traffic lights, street lamps, automotive lighting, architectural lights, household light replacements, signage lighting (replacing neon strip lights and fluorescent tubes), and many more. Powering (driving) these LEDs is not always simple. Linear driving is inefficient and generates far too much heat. With a switching supply, the main issues are EMI and efficiency, and of course cost. The problem is to get a design that meets legal requirements and is efficient, while costing the least. This book covers the design trade-offs involved in LED driving applications, from low-power to UB-LEDs and beyond. It provides a practical, hands-on approach to power supply design for LED drivers. It includes detailed examples of what works and why, throughout the design process. It provides commentary on how the calculated component value compares with the actual value used, including a description of why the choice was made.



READ ONLINE

[4.82 MB]

Reviews

This book can be worthy of a read, and much better than other. It usually fails to charge a lot of. I realized this publication from my dad and i encouraged this pdf to understand.

-- Prof. Flo Cruickshank DDS

Undoubtedly, this is actually the best operate by any publisher. It is among the most amazing pdf i have got read. Its been printed in an exceptionally straightforward way which is just after i finished reading this book in which actually altered me, change the way i believe.

-- Deonte Kohler PhD