



TOOLS AT YOUR COMMAND

- General Operating Considerations
- Subject Index
- Selector Guides
- Power Design.xls
- Evaluation Kits
- Sockets & Heatsinks
- SPICE Models
- Data Sheets
- Application Notes
- Accessory Vendors
- Military Screening Flow
- Failure Analysis

The Apex handbook is the world's most complete reference work when it comes to challenging power designs. Roughly a quarter of the book is application notes, a good source of "how to" and "how not to" tips and circuit ideas. Format is your choice; hard copy, CD-ROM or on line with all the latest and greatest.

Unless you're an old hand at power design, check out AN1, General Operating Considerations. It is the most important document in the entire book. While there is no substitute for *actually reading it*, at a very minimum, take note of the paragraph titles and look at the pictures.

In the back of the book is a Subject Index which may just point you to the specific information you need. Here's a sample of entries: Package drawings and marking information (Where's pin 1?), Load lines, Feedback zero compensation and Thermal capacity. You can also find many phone numbers, fax numbers and if you are inclined to visit Apex, a map.

APEX
MICROTECHNOLOGY

POWER
FOR THE
ANALOG
WORLD

Beat the Discrete Approach

- Time to market value?
 - Lost sales - engineering costs
- Value of 8 solder joints vs. 80?
 - Size, weight
 - Reliability
 - First pass yield, troubleshoot, rework, retest times
 - Field failure rate & serviceability
 - Logistics costs
 - Component spec, buying, stocking, managing obsolescence

Response to these design issue questions vary an amazing amount, both in time spent on the subject and in answers to specific items. Apex products are used in products where meeting the Christmas buying season is paramount, where cutting machine size by 2 doubles the value of the product and remotely located equipment where field failures would be a disaster.

This seminar has covered many of the technical issues involved with using hybrid power products but it remains your engineering challenge to integrate the various advantages into your business environment. Perhaps a few moments spent here will enhance value of your final product.



APEX

M I C R O T E C H N O L O G Y

WEB:

<http://www.apexmicrotech.com>

AP NOTES, PRODUCT LITERATURE:

prodlit@apexmicrotech.com

ENGINEERING SUPPORT:

support@apexmicrotech.com