



April 2008

To our valued customers,

RE: RoHS Compliant PowerSIP Packaging

Apex Precision Power is pleased to announce that our PowerSIP packages will soon become RoHS compliant.

In order to attain RoHS compliance, a new pin finishing process was developed that meets RoHS requirements without altering solderability, electrical or thermal performance. The new pin finish is evident only in a change of appearance. **Non-compliant** pins have a **bright finish** throughout the length of the pin. The new **compliant pins** will have a **matte tin finish** toward the tip of the pin. We want to inform our customers of this change in appearance so that your organization will be prepared for this new look and not see this new pin finish as a cause for concern.

The following Apex 10 and 12 pin PowerSIP base model numbers (package codes DP and FL) will become RoHS compliant with this change in pin finish: PA13, PA15, PA15FL, PA16, PA90, PA91, PA92, PA93, PA94, PA95, PA98, SA60 and PB51. Some of these models are also available with an "A" grade screening, or other options, to which the same pin finish change will apply. The new finish will be introduced into our standard production flow as manufacturing schedules demand. We expect this conversion to the RoHS compliance status to be completed beginning with the **date code 0910** (early March of 2009). We do anticipate some models will be converted earlier and those part numbers will be added to the list of compliant part numbers which can be found online:

<http://www.cirrus.com/en/products/quality/apex.html>

Apex does not intend to make both finishes available as an order option. Mechanical samples with the new pin finish are available now upon request. If you have any questions regarding this transition to the new RoHS compliant pin finish for the Apex PowerSIP packages, please contact a member of our Quality Engineering Team at 520-690-8600, or by email at rohs@cirrus.com. Qualification information can be found at:

http://www.cirrus.com/en/pubs/misc/Apex_Tin-Nickel_Pin_Finish_Qualifications.pdf

We thank you for your cooperation and your continued support of Apex Precision Power products.

Best regards,
Mark Collingham
Operations Manager
Cirrus Logic, Inc. – *Apex Precision Power*