

EMA Currents
An Informative eMail Newsletter from EMA Design Automation

Issue 2, Number 1
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OrCAD 10.5

Check out some of the new capabilities in OrCAD 10.5

Learn about all the great new enhancements included in OrCAD® 10.5 and how these new capabilities can improve your personal productivity!

See What's New in OrCAD 10.5 visit http://www.ema-eda.com/newsltr/jul05/OrCAD_WhatsNew.html

- OrCAD Signal Explorer
- OrCAD Capture®
- OrCAD Capture CIS
- PSpice® A/D
- OrCAD Layout®
- OrCAD PCB Editor

Please note: If you haven't received your updated license file and CD by August 31st, you may request it at:
<http://support.ema-eda.com/update>

What's New Movies visit <http://www.ema-eda.com/resources/movies.aspx>

The New PSpice Model Import Wizard in OrCAD 10.5
The New PSpice Magnetic Parts Editor in OrCAD 10.5
The New OrCAD Capture Archiving Enhancement Tool in OrCAD 10.5
The New OrCAD Capture Split Part Feature in OrCAD 10.5

Technical Article:

Model Library for PSpice Gets PFC IC Models - This article discusses two of the many transient IC models in the new Power IC Model Library for PSpice; the MC33262 active power factor controller from ON Semiconductor and the UC3854 high power factor preregulator from Texas Instruments...read on <http://www.ema-eda.com/newsltr/jul05/Model%20Library%20for%20PSpice/Critical%20Conduction%20PFC.htm>

EMA Tech Tips visit <http://www.ema-eda.com/newsltr/jul05/TechTips.html>

- Importing waveforms from NC-Sim into TimingDesigner
- Advanced split part generation in OrCAD Capture 10.5
- How to create a new part from spreadsheet in OrCAD Capture 10.5
- Avoiding a DRC0031 error in OrCAD Capture designs
- Setting up Net spacing and Net physical constraints in OrCAD PCB Editor

If you have a question for the EMA TechTalk Guru submit your questions to TechTalkGuru@ema-eda.com

News and Events:

- **Restriction of Hazardous Substances (RoHS)** affects many North American manufacturers who ship products to Europe. As the RoHS deadline looms, companies that have not begun the process of becoming RoHS compliant are behind the curve. The European deadline is July 1, 2006, and other countries follow soon thereafter. Component manufacturers are already discontinuing non-compliant parts, and every electronic product is impacted. Lead-free conversion must begin now...visit <http://www.ema-eda.com/services/rohs/>

- **EMA Design Automation™ and PartMiner®, Inc. announce strategic partnership** - PartMiner®, Inc., a leading global provider of electronic components and information services for the electronics industry, today announced a partnership to bring together Cadence® Design System Inc.'s design technology and PartMiner's CAPS™ electronic component database...visit http://www.ema-eda.com/documents/PartMiner_5-17-05.pdf
- **EMA Design Automation and AEi Systems Announce New Power IC Model Library for PSpice** - This PSpice® library incorporates over 150 time-domain simulation models for power electronic designs and gives designers capabilities previously unavailable for these popular parts - the ability to plug in a model, representative of the actual IC, and simulate the switching performance under actual operating conditions...visit http://www.ema-eda.com/documents/PR_EMA_AEi_08-02-05.pdf

Attend one of this months Webinars!

EMA Design Automation offers FREE online product demonstrations. Product demonstrations provide a great way to see the software in action. You can also learn how various software solutions are combined to solve numerous reliability challenges, and get your questions answered by one of our engineering professionals. Our web-based demonstrations allow you to join an interactive demonstration from the convenience of your desktop, or anywhere you have Internet access and a telephone connection. For a complete schedule or to register to attend visit <http://www.ema-eda.com/training/webinarlanding.aspx>

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