

Invite you to attend our **FREE**

EZ-Color™ seminar



When: September 20th, 2007
Time: 8 am to 12 pm
Where: FUTURE SAN JOSE
690 N. McCarthy Blvd, Suite 220
Milpitas, California 95035
Tel: (408) 434-1122 **Fax:** (408) 262-0531

The rapid growth and wide applications of LEDs are staggering. Designs range from simple white lights to an overwhelming selection of color mix designs. The EZ-Color HB LED controllers offer easy drag and drop designs implementing temperature feedback, drop down menus for bin selection, and more.

The EZ-Color Customer Seminar is a **FREE** introduction training seminar on Cypress' HB LED intelligent lighting design solution that requires no C or Assembly coding. The seminar first discusses Cypress' visual embedded design software, PSoC Express, followed by a simple color mix lab. The seminar continues by discussing HB LED color mix systems and the design challenges that arise from binning, temperature and more. Finally you will be introduced to Cypress' EZ-Color solution aided by PSoC Express that will enable you to complete an intelligent lighting design using system binning specifications, temperature feedback, as well as defined system behavior without writing any C or Assembly code. You will also create your own design using EZ-Color and PSoC Express in two hands on labs during the seminar. To purchase the kits in advance please visit our Component Superstore <http://www.componentsuperstore.com> (CY3261A-RGB, CY3240-I2USB, CY3217.)

agenda:

Introduction
PSoC Express 3.0
Lab Exercise
Basics
Current Color Mix Systems
Challenges with HB LED
Design
BREAK
EZ-Color Solution
Lab Exercise
PSoC Express 3.0
Transfer Functions
Lab Exercise
Conclusion

- **Register** by contacting your local Future Electronics branch or online at: www.futureelectronics.com/event_seminars.asp
- **Bring your laptop** (minimum system requirements: Pentium IV, 500 MHz, 256 MB RAM, 150 MB of free hard drive space, CD-ROM Drive, USB Port, Windows®XP)
- **Install PSoC Express** prior to attending the seminar. Download it for free at: <http://www.futureelectronics.com/cypress>. (Click on "PSoC Express" in the Quick Links side menu)
- **Find detailed information** and access to EZ-Color device datasheets at: <http://www.futureelectronics.com/cypress>