



**Workshop on  
Programmable  
System on Chip**

# Two Days Workshop on Programmable System on Chip

**4th & 5th Dec, 2010**

## Workshop Schedule (Day 1)

Registration and Introduction 9:00 - 9:30 AM  
Introduction on Cypress 9:30 - 10:00 AM  
Overview on Embedded Systems 10:00 - 10:30 AM  
PSoC1 Presentation 10:30 -11:15 AM  
Tea Break 11:15 -11:30 AM  
PSoC1 Presentation ( Contd...) 11:30 -1:00 PM

Lunch 1:00 -2:00 PM

PSoC1 Labs 2:00 -5:00 PM  
Closing Discussions and Q & A Session 5:00 - 5:30 PM

## Workshop Schedule (Day 2)

Introduction to Capsense 9:30 - 11:15 AM  
Tea Break 11:15 - 11:30 AM  
Capsense Labs 11:30 - 1:00 PM

Lunch 1:00 - 2:00 PM

PSoC 3/5 Presentation 2:00 - 4:00 PM  
PSoC3 Project Demo 4:00 - 5:00 PM  
Closing Discussion and Q & A Session 5:00 - 5:30 PM

## Coordinators

### **Ms. Ekata Mehul**

Training Manager  
eInfochips Pvt. Ltd  
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### **Prof. Kinnar Vaghela**

Asst. Prof., EC,  
GEC, Sec 28, Gandhinagar.  
v.kinnar@gmail.com

### **Distinguished Speakers**

1. Karthikeyan Mahalingam - Program (CUA) Manager- Cypress University
2. Pushkar Nandkar - Applications Engineer- Cypress University
3. Pushek Madan



## About Cypress University Alliance Program

Cypress' University Alliance Program is a multifaceted program empowering electronics engineering and computer science students to develop the skill sets needed to perform in today's marketplace.

## About eInfochips

eInfochips is a technology design services & solutions company offering services globally based on reusable IPs and frameworks. eInfochip's vision is to be an innovative technology company that transforms society by creating leaders and generating stakeholder value. The company has enjoyed CAGR of 40% during last 5 years, has maintained a zero debt with positive cash flow, and has always been profitable. 4 out of top 5 customers served are Billion dollar organizations.

## About Phlox Semiconductor Pvt. Ltd.

Formed in 2009, Phlox Semiconductor Pvt Ltd. provide ASIC Design Services & Training to Corporate/Academia. The training Service's vertical PHLOX VLSI Academy, offers learning solutions in the ASIC/VLSI domain. PHLOX has partnered with Cypress Semiconductors (CY) in spreading awareness of Cy's flagship product PSoC . Thru its workshops, PHLOX has thus far introduced PSoC to over 1000 students from 40 colleges spread across the country.

## Overview of PSoC Workshop

This Highly Technical and Education Workshop introduces the diversified uses of PSoC and will give you the insight of how it differs from conventional microcontroller. Your design related questions will be answered by experts.

## What you will learn:

- Introduction to PsoC
- Basic PSoC Labs (Using PSoC Designer 5 IDE)
- Advanced Techniques on PsoC Designer, Capsense
- Analog Applications using PSoC: ADS, PGA, Filters
- PSoC Roadmap:PSoC3 and PsoC5
- PSoC3 Labs (using PSoC Creator IDE)

## Potential Benefits from the Workshop

1. Hands on sessions on the kits
2. Exposure to new technologies which also gives chance to your students to make a mark on the field  
A take home kit to continue your practice
3. Learning directly from the Industry experts

## Venue:

EC Department, F Block, GEC Chandkheda, Ahmedabad.

**CY8CKIT-3209 PSoC(R) Kit  
will be provided Free of Cost  
(Cost @15000 )**

## eInfochips Pvt. Ltd.

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Ahmedabad  
[www.einfochips.com](http://www.einfochips.com)

## Gujarat technological University

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