International Year of Lights Demonstration

Category: Interactive workshop

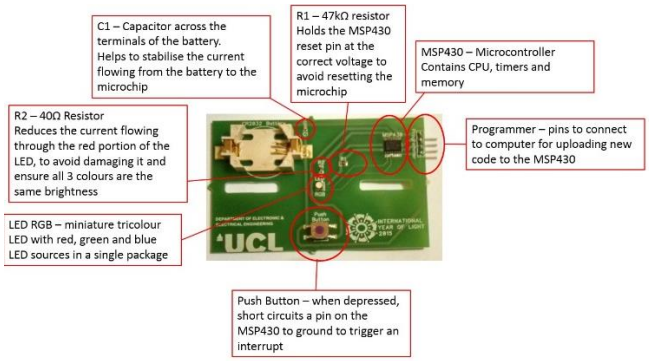
Note electronic versions of all supporting documents are found on the memory stick in this tray.

Overview

This interactive workshop covers microcontroller programming and colour mixing. Participants are given a printed circuit board and a programming board, which they then use to vary the colour of the RGB LED on the board.

Contents

For each group ensure you have the following:

Year of light circuit board	
MSP430 Programming Board	
4 Female-Female Jumper Wires (Bring spares)	

Mini USB Cable	
Laptop/Computer for Coding with Energia Installed	
USB Stick with sample code and teaching documents	
Coin cell batteries Type CR2032	

The boards are programmed using the Energia IDE. More information on downloading it is given in the following link.

http://energia.nu/Guide_Windows.html