SL1-SL2 Distribution Documentation Read Me

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This package includes design files and documentation for two of our visible light communication transceiver kits. This information describes experimental prototypes, and is provided as is, without any warranty or support. This information may be used to manufacture or operate the described visible light communication transceivers.

The design files and documentation are divided into two subfolders: one for the SL1 and another for the SL2. These are two different models of transceiver kits.

# Credits

The designs included in this package are the result of the work of many people over several years under the guidance of Prof. Thomas D.C. Little of the Multimedia Communications Laboratory in the NSF Smart Lighting Engineering Research Center and Boston University.

## SL1

Jimmy C. Chau, Dan Ryan, Kandarp Shah, Travis Rich, and Geoff Brown

## SL2

Jimmy C. Chau and the Trafflack senior design project team

## VLCSerialPortDemo:

Jimmy C. Chau

## Documentation:

Jimmy C. Chau

## References:

(available at hulk.bu.edu)

1. Jimmy Chau, Thomas Little. “Transceiver Modules for General Illumination and Free-Space Optical Communications.” Smart Lighting Engineering Research Center Site Visit. Troy, NY. Jun 2011.
2. Jimmy Chau, Thomas Little. “Improved Design for an Optical Communication System.” Smart Lighting Engineering Research Center Industry-Academia Day. Boston, MA. Feb 2011.
3. Jimmy Chau, Thomas Little. “Transceiver Modules for General Illumination and Free-Space Optical Communication.” Smart Lighting Engineering Research Center Site Review. Troy, NY. Jul 2010.
4. Jimmy Chau, Thomas Little. “LED Driver Design for an Optical Transmitter and Illuminator.” Smart Lighting Engineering Research Center Industry-Academia Day. Boston, MA. Feb 2010.
5. Smart Lighting Engineering Research Center [www.smartlighting.rpi.edu](http://www.smartlighting.rpi.edu)

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