



Push every boundary.™

CSR μ Energy® Development Kits

CSRmesh™ Development Kits



Product Overview

CSR is the industry leader for Bluetooth Smart solutions delivered through the [CSR \$\mu\$ Energy](#) product family.

CSRmesh™ is a protocol running over Bluetooth Smart that enables messages to be relayed over multiple Bluetooth Smart devices. The CSRmesh Development Kits introduce a simplified yet comprehensive development platform for product designers who want to rapidly prototype networking of Bluetooth Smart products using the CSRmesh protocol.

Product Highlights

The CSRmesh Development Kit provides a complete set of tools for evaluation and software development.

- Development Boards
- CSR xIDE software development environment
- USB programmer and interface cables
- Example CSRmesh applications for the Development Board
- Example host applications and source code for Smartphones, supporting
 - Google Android
 - Apple iOS*

All necessary software must be downloaded from CSR to ensure that the latest versions are available to developers. An activation code is provided with each kit that should be used to unlock access to the necessary files.

The Development boards are normally powered from 2 x AA batteries (included), but can also be run from the host USB connection.

Additional Boards can be purchased if necessary to make a larger network.

* in development



Applications

- Lighting
- Home Automation
- Sensor networks*

CSR μ Energy[®] Development Kits

CSRmesh[™] Development Kits

CSRmesh Development Board

The CSRmesh Development Board features:

- CSR1010 IC with 64k EEPROM
- PCB antenna
- 1x RGB LED
- 2x user pushbuttons & 1x user slide switch
- Power switch
- SPI programming connector
- 2x AA battery holders on reverse
- Pads to connect IO to external devices

Ordering Information

A single CSRmesh board can be ordered to extend the Development Kit, including AA alkaline batteries (1 pair)

CSRmesh Board

DB-CSR1010-10185-1A



Front

Reverse



For tech info visit: forum.csr.com & wiki.csr.com

CSRmesh Development Kit

The CSRmesh Development Kit contains:

- Target boards (quantity 3)
- USB-SPI programmer and Connecting cables
- AA alkaline batteries (3 pairs)
- Printed Setup Guide

Ordering Information

CSRmesh Development Kit

DK-CSR1010-10184-1A



Ordering Information

Visit the website www.csr.com for a [list of distributors and representatives](#) [Contact > Sales Representatives] and for further information on other related products.

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