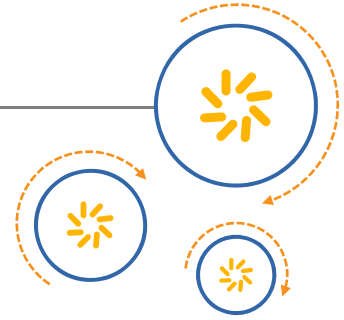




Qualcomm Technologies International, Ltd.



Confidential and Proprietary – Qualcomm Technologies International, Ltd.

(formerly known as Cambridge Silicon Radio Ltd.)

NO PUBLIC DISCLOSURE PERMITTED: Please report postings of this document on public servers or websites to:
DocCtrlAgent@qualcomm.com.

Restricted Distribution: Not to be distributed to anyone who is not an employee of either Qualcomm Technologies International, Ltd. or its affiliated companies without the express approval of Qualcomm Configuration Management.

Not to be used, copied, reproduced, or modified in whole or in part, nor its contents revealed in any manner to others without the express written permission of Qualcomm Technologies International, Ltd.

Any software provided with this notice is governed by the Qualcomm Technologies International, Ltd. Terms of Supply or the applicable license agreement at <https://www.csrsupport.com/CSRTermsandConditions>.

Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. All Qualcomm Incorporated trademarks are used with permission. Other product and brand names may be trademarks or registered trademarks of their respective owners.

This technical data may be subject to U.S. and international export, re-export, or transfer ("export") laws. Diversion contrary to U.S. and international law is strictly prohibited.

© 2015 Qualcomm Technologies International, Ltd. All rights reserved.

Qualcomm Technologies International, Ltd.
Churchill House
Cambridge Business Park
Cambridge, CB4 0WZ
United Kingdom



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 µEnergy® Development Kits

CSRmesh™ Development Kits

CSRmesh Development Board

The CSRmesh Development Board features:

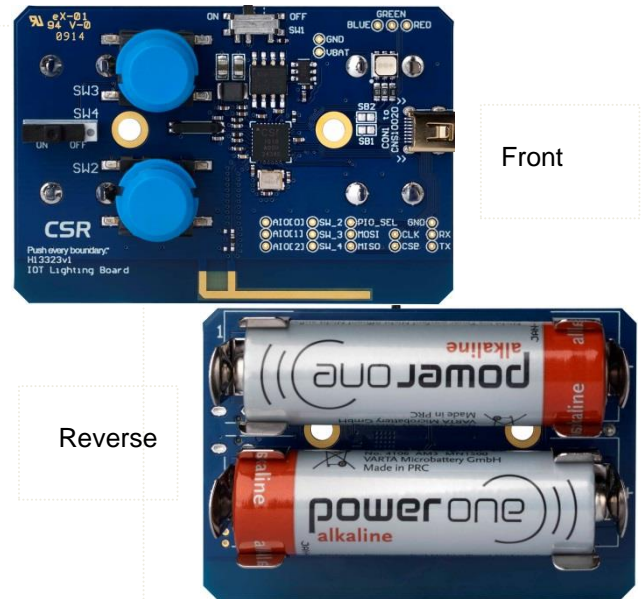
- CSR1010 IC with 64k EEPROM
- PCB antenna
- 1x RGB LED
- 2x user pushbuttons & 1x user slide switch
- Power switch
- SPI programming connector
- 2x AA battery holders on reverse
- Pads to connect IO to external devices

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



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.

Unless otherwise stated, words and logos marked with ™ or ® are trademarks registered or owned by CSR plc and/or its affiliates. Bluetooth® and the Bluetooth logos are trademarks owned by Bluetooth SIG, Inc. and licensed to CSR. Other products, services and names used in this document may have been trademarked by their respective owners. The publication of this information does not imply that any licence is granted under any patent or other rights owned by CSR plc or its affiliates. CSR reserves the right to make technical changes to its products as part of its development programme. While every care has been taken to ensure the accuracy of the contents of this document, CSR cannot accept responsibility for any errors.

Cambridge Silicon Radio Limited. Registered in England and Wales 3665875. | Churchill House, Cambridge Business Park, Cowley Road, Cambridge CB4 0WZ

Tel: +44 1223 692000 | Fax: +44 1223 692001 | Web: www.csr.com | Blog: www.csr.com/blog | Twitter: @CSR_plc



Push every boundary.™