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## Implementing transmitters and receivers for infrared remote control protocols, software expansion for STM32Cube

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Data brief

### Features

- RC5 protocol
- SIRC protocol
- Transmitter
- Receiver

### Description

The purpose of this example (X-CUBE-IRREMOTE) is to provide a generic solution for implementing an IR transmitter (a remote control device) and receiver using the timers available on the microcontrollers of the STM32F0, STM32F3 and STM32L4 series. The example implements RC5 and SIRC protocols on selected evaluation boards. Implementation is supposed to be easily reconfigurable for other boards and protocols.

## Revision history

**Table 1. Document revision history**

Date	Revision	Changes
30-Mar-2016	1	Initial release.

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