



**PRODUCT NAME :** Infrared Remote Control MCU Module with Receiver Head HX1838 & NEC Coded Infrared Remote Control



**PRICE :** Rs 150.00

**SKU :** RM0983

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## DESCRIPTION

This is a highly sensitive Transmitter and receiver based on HX1838 TSOP Sensors. PIN diode and preamplifier are assembled on lead frame, the epoxy package is designed as IR filter.

## Features of Infrared remote control MCU module with receiver head HX1838 & NEC coded:

- A 9 ms leading pulse burst ( 16 times the pulse burst length used for a logical data bit).
- A 4.5 ms space.
- The 8 - bit address for the receiving device.
- The 8 - bit logical inverse of the address.
- The 8-bit command.
- The 8 - bit logical inverse of the command.
- Final 562.5  $\mu$ s pulse burst to show end of message transmission.
- Logical ' 0 ' – a 562.5  $\mu$ s pulse burst followed by a 562.5  $\mu$ s space, with a total transmit time of 1.125 ms.
- Logical ' 1 ' – a 562.5  $\mu$ s pulse burst followed by a 1.6875 ms space, with a total transmit time of 2.25 ms.

## Applications of Infrared remote control MCU module with receiver head HX1838 & NEC coded:

- It is used in different applications for remote controlled purposes.
- Multiple DIY projects.

## Kit Contents of Infrared remote control MCU module with receiver head HX1838 & NEC coded:

- 1 x Infrared remote control MCU module.
- 1 x Receiver head HX1838.

- 1 x NEC coded infrared remote.
- 3 x Single Pin Wire.

**Note:** Images shown is only for representation. The actual product may vary with the picture shown.

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