



# TDA7210 / TDA7110F RF Module Application Example

## Dear Customer,

Thank you for working with Infineon Wireless Control products!

This Application Example based on TDA7210 receiver and TDA7110F transmitter shows a typical general purpose RF module for 434 MHz.

Schematic and layout information are available for download.

The modules can also be used for evaluation purposes.

We wish your development work using TDA7210 and TDA7110F will be successful.

**Yours Infineon Wireless Control Team**

## How to get started:

- Connect a small wire of ~ 17 cm length to the RF connectors of both evaluation boards.
- Supply TDA7110F evaluation board with  $V_S = 3V$ .
- Supply TDA7210 evaluation board with  $V_S = 5V$ .
- Apply a data signal to Data\_In of the TDA7110F Evaluation Board, which may come from a signal generator or a microcontroller.
- $V_{IL} < 0.5 V$
- $V_{IH} > 1.5 V < V_S$
- $F_{DATA} < 20 kHz$
- Watch incoming data at Data\_Out of TDA7210 Board using an oscilloscope.
- Note: Both Evaluation Boards are set to ASK by default.

## Kit Content:

- TDA7210 RF module – Receiver for 434MHz
- TDA7110F RF module – Transmitter for 434MHz with 10dBm output power
- Legal disclaimer sheet

## Ordering information:

Ordername:

- TDA7110F\_7210\_Modules

Ordernumber:

- SP000977506

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Please, don't forget to take notice of the legal disclaimer sheet.

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