

# MAX30134EVSYS

## Evaluation System for the **MAX30131/MAX30132/MAX30134**



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Active in Production.

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### Description

The MAX30134 evaluation system (EV system) provides a single platform to evaluate the functionality and features of the MAX30134 with DC current measurement and electrochemical impedance spectroscopy (EIS) measurement capabilities. The EV system includes a MAX30134 evaluation kit (EV kit) and a MAX32630FTHR Cortex-M4F microcontroller for wearables. The MAX32630FTHR provides power to the MAX30134 EV kit and contains the firmware necessary to use the EV kit GUI program. The EV kit ships with jumpers installed and supply voltages set to typical operating values. Optional connections exist that can be shunted to make use of different functionalities.

Note that the MAX30131/MAX30132/MAX30134 supports single-, dual-, and quad-channel electrochemical sensors, respectively and supports two-terminal or three-terminal configurations.

This Evaluation System is not a medical device.

### Key Features

- Convenient Platform to Evaluate the MAX30131/MAX30132/MAX30134
- Many Easy-to-Reach Test Points
- Multichannel Operation
- Windows® 7-, 8-, 10-Compatible GUI Software
- Fully Assembled and Tested

- Facilitates IEC61000-4-2 ESD Compliance Testing
- Ultra-Low-Power Design

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