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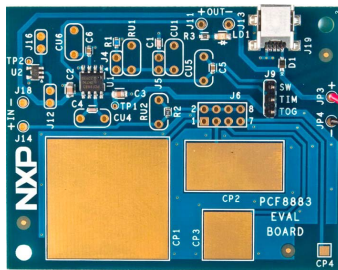# OM11055,598: PCF8883 evaluation board

Overview(/pip/OM11055,598)   Documentation(/pip/OM11055,598?tab=Documentation_Tab)   Buy/Parametrics(/pip/OM11055,598?tab=B

Overview

The OM11055 is a PCF8883 evaluation board which was developed in order to provide a tool for application engineers and development engineers wishing to try and evaluate the single channel PCF8883 capacitive proximity switch. A LED displays the status of the switch; test points facilitate measurements of important signals. The desired capacitive sensor area can vary in terms of material, form, size and   switching distance. Each particular switch configuration demands a suitable electrical circuit for the input signal. This board allows to easily change the input circuit and the two capacitors which define the sensitivity and reaction speed of the sensor in a typical application. This offers the opportunity to rapidly evaluate many possible switching configurations.

PCF8883 evaluation board OM11055

Features   ⌄

Kit Contains

- One PCF8883 evaluation board
- One 3 ft USB A-B Mini Cable
- All documentation is available from the NXP website: PCF8883 support (http://www.standardics.nxp.com/support/boards/pcf8883)

Supported Devices

- PCF8883T (/products/sensors/capacitive-sensors/capacitive-proximity-switch-with-auto-calibration-large-voltage-operating-range-and-very-low-power-consumption:PCF8883T): Capacitive proximity switch with auto-calibration, large voltage operating range and very low power consumption

- PCF8883US (/products/sensors/capacitive-sensors/capacitive-proximity-switch-with-auto-calibration-large-voltage-operating-range-and-very-low-power-consumption:PCF8883US): Capacitive proximity switch with auto-calibration, large voltage operating range and very low power consumption

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