

OH100-EVAL

Eval Board Quick Start Guide

**CONNOR
WINFIELD**

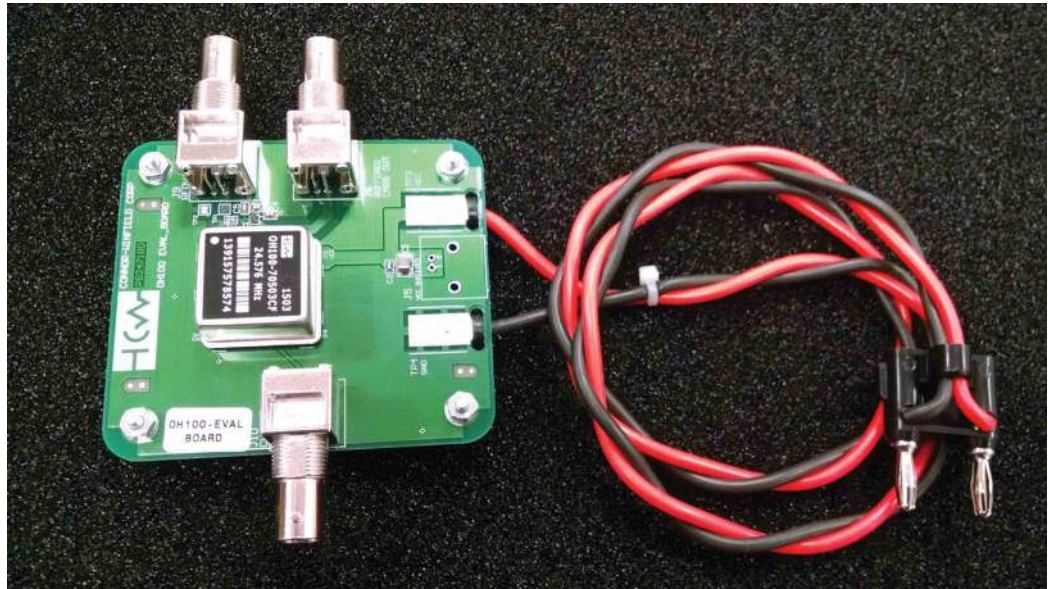


2111 Comprehensive Drive
Aurora, Illinois 60505
Phone: 630-851-4722
Fax: 630-851-5040
www.conwin.com

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General Instructions

1. Insert the OH100 per the orientation shown above.
 - Pin 1 (square corner) of the OH100 should be oriented as shown above.
 - Press firmly making sure the pins are lined up to the pin receptacles
2. Connect power
 - Connect the wired Vcc banana plug from TP3/TP4 to the appropriate 3.3V or 5V power supply capable of supplying ~ 1.2A of current.
3. Connect output:
 - For CMOS outputs, connect the "CMOS OUT" BNC J6 to an oscilloscope or frequency counter input. Use a high impedance probe if possible.
 - For Sinewave outputs, connect the "RF OUT" BNC J9 using a coaxial cable to a 50ohm scope or frequency counter input.
4. Connect voltage control:
 - For OH100-series parts with voltage control (VCO/CXO) option, connect J10 "CV IN" BNC to the appropriate +1.65Vdc or +2.5Vdc supply.

Designator/Label	Input/Output	Voltage/Logic Type	Function
TP3/TP4 "Vcc/Gnd"	Input	+3.3V or +5V	Eval Board Power via wire
J6 "CMOS OUT"	Output	CMOS	Buffered CMOS output
J9 "RF OUT"	Output	Sinewave	Sinewave Output
J10 "CV IN"	Input	+1.65 or +2.5Vdc	Control Voltage Input



Bulletin **Cx285-EVAL**
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