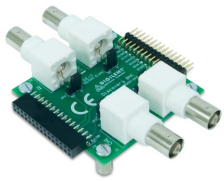


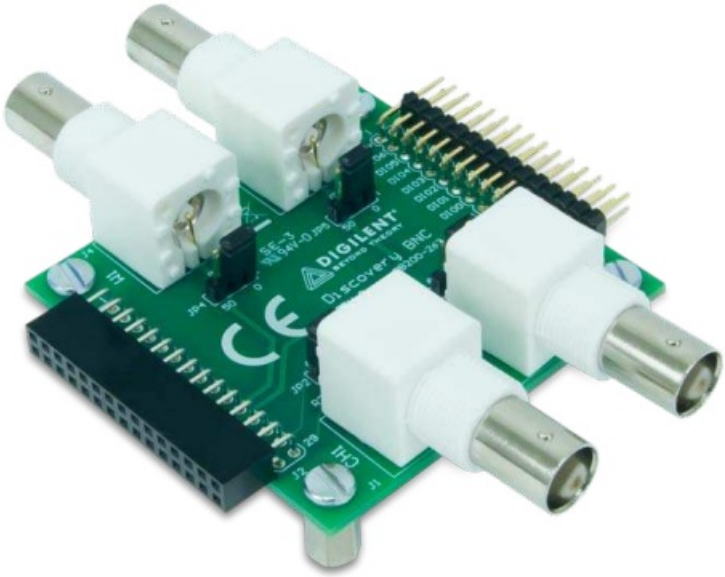
# DIGILENT TOL-14260 BNC Adapter Board User Manual



Contents



## DIGILENT TOL-14260 BNC Adapter Board



## Overview

The Discovery BNC adapter board is intended to be used with the Analog Discovery™ tool to enable the use of standard BNC terminated test leads and probes. The adapter board enables the user to AC couple or DC couple signals to the oscilloscope in the Analog Discovery.

## Features include

- Standard BNC interface to BNC terminated test leads and oscilloscope probes.
- Selectable AC and DC coupling to oscilloscope probes.
- Selectable 50-ohm or 0-ohm output impedance on Arbitrary Waveform Generator (AWG) channels.

## Functional Description

- The Discovery BNC adapter board has BNC terminations to each of the two oscilloscope channels on the Analog Discovery. Each channel of the oscilloscope can be selected as AC or DC coupled by adjusting the jumper that is located behind that channel's BNC input connector.
- The two AWG channels are equipped with BNC terminations for use with BNC style test leads. Each of the two channels can have either the 50Ω or the 0Ω termination selected. This enables the user to match the Analog
- Discovery's output impedance with either standard 50-ohm test leads or to be directly tied to the lead. All the remaining signals from the Analog Discovery pass through the adaptor to a female header located on the outer edge of the board.



## Documents / Resources

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|  | DIGILENT TOL-14260 BNC Adapter Board [pdf] User Manual<br>TOL-14260 BNC Adapter Board, TOL-14260, BNC Adapter Board, Adapter Board, Board |

## References

- Digilent â€“ Start Smart, Build Brilliant.