



NEW PRODUCT	 A National Instruments Company	Release Year 2018	Released Quarter Q2
Digilent Part Number 410-378		Category Scopes	

OVERVIEW

Product Name: Impedance Analyzer for Analog Discovery	
Product Subtitle: Easily connect your Analog Discovery's signals to a Breadboard	
Product Description: The Impedance Analyzer for Analog Discovery was designed with automatically adjusting reference resistors and relays to aid in use of the Impedance Analyzer tool in WaveForms. With the Impedance Analyzer accessory, the Analog Discovery will automatically select the most appropriate configuration for the attached unknown impedance. The Impedance Analyzer is loaded with the 2×15 Analog Discovery connector, which makes it compatible with Analog Discovery 2 as well as Analog Discovery Legacy .	
Key Search Terms: Impedance Analyzer, Impedance, Analog Discovery, Analog Discovery 2, Capacitance, Inductance	Video Link: N/A
Datasheet: https://reference.digilentinc.com/reference/add-ons/impedance-analyzer/reference-manual	
Demo / Project Links: Using the Impedance Analyzer Tutorial	
Features <ul style="list-style-type: none"> • 2-wire Impedance Analyzer integrates with the Impedance Analyzer tool in WaveForms • 50pF - 500μF Capacitance Measurement Range • 10μH - 1000mH Inductance Measurement Range • 1Hz - 15MHz Excitation Frequency Range 	Product Image 
	Image Links: <ul style="list-style-type: none"> • https://flic.kr/p/JcDecU (Oblique) • https://flic.kr/p/26gE4R9 (Top) • https://flic.kr/p/26gE4Lj (Bottom) • https://flic.kr/p/24YnVzV (In Use)
Target Applications: N/A	Related Products <ul style="list-style-type: none"> • Analog Discovery 2 (410-321) • Ribbon cable (310-100)