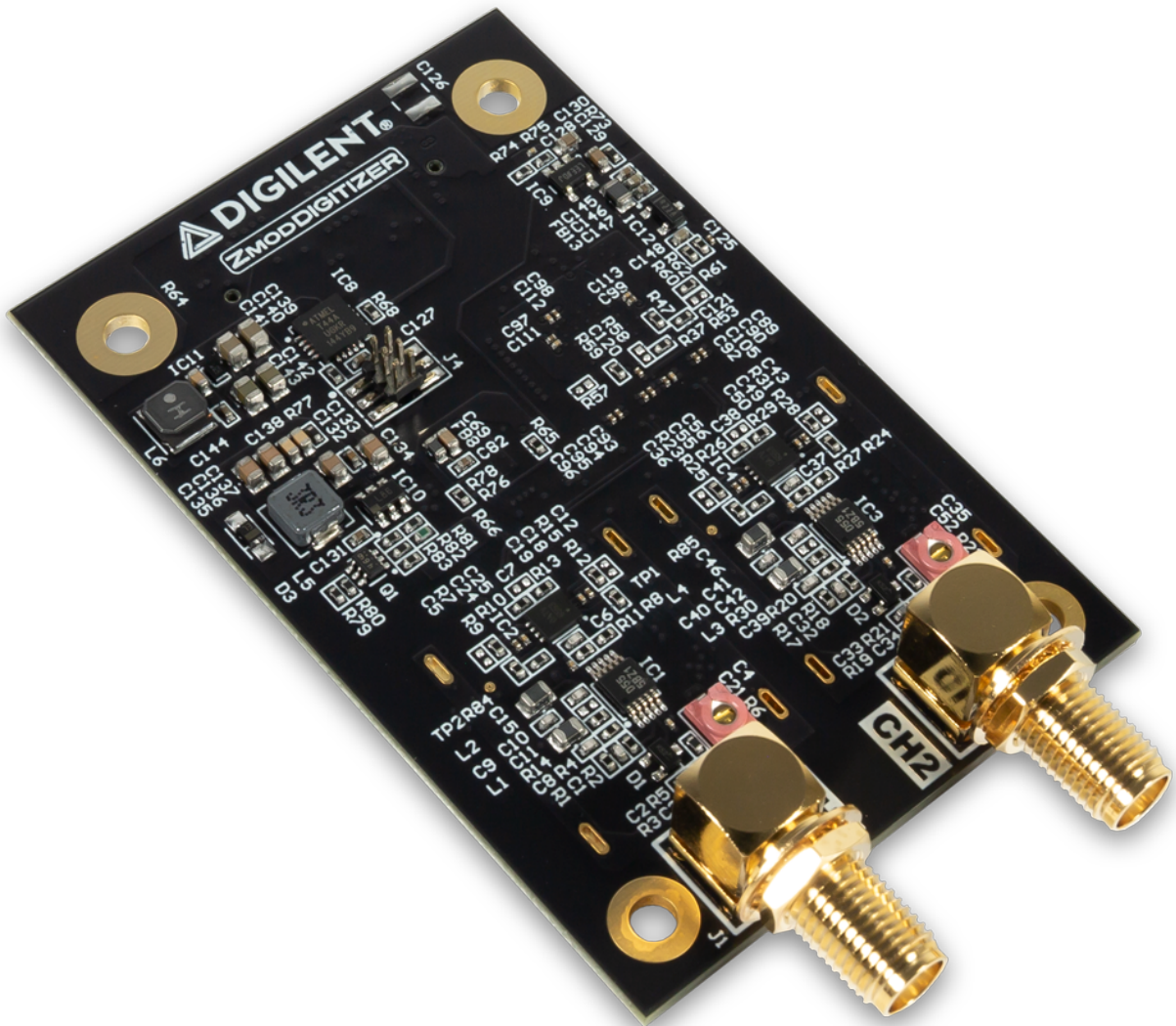


# Zmod Digitizer Reference Manual

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## Features

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*Table 1. Zmod Digitizer family features*

Features/Version	1430-125
ADC(.)	AD9648BCPZ-125
Input Channels	2
Input Range	$\pm 1$ V
Resolution [bits]	14 bits
Absolute Resolution	0.13 mV
Accuracy [% of Input Range] <sup>1)</sup>	$\pm 0.5\%$

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Sample Rate - Max [MS/s.()]	125 MS/s.()
Analog Bandwidth @ 3 dB	60 MHz.()
Analog Bandwidth @ 0.5 dB	20 MHz.()
Analog Bandwidth @ 0.1 dB	8 MHz.()
Input Impedance [MΩ]	1 MΩ    5 pF

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