



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Vector network analyzer module

Order Number: 29069

Product information "Vector network analyzer module"

The Vector network analyzer tests and optimizes the performance of

- Antennas (SWR (return loss, S11))
- RF filters
- RF switches
- Couplers
- Cables
- Amplifiers
- Isolators
- Mixers

Note: To use the VNA application an additional VNA bridge module is needed. The VNA bridge module is available on Red Pitaya's web store. VNA is a contributed Python application by Pavel Demin that runs on a WINDOWS or Linux OS.

Software Features

- Plot formats: smith chart, impedance, SWR, ref. coeff, return loss
- Supported calibration modes (open, short & load)
- Measurement export
- Marker readouts
- PC-controlled over LAN or WIFI from a Microsoft Windows interface

Hardware Specification

- Freq. range 500k to 62MHz
- Directivity 42 dB, typical
- Dynamic range: 74dB
- Noise floor: - 88dBm

Package Content

- RF swr bridge in aluminium enclosure
- SMA male calibration accessories (50 ohm, open & short loads)
- 2x SMA to SMA cable