30MHz to 1GHz VNA

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LO

Filter Bank

125 MHz LPF
250 MHz LPF
500 MHz LPF
1000 MHz LPF

Source Leveling

Variable Attenuator

Amplifier

Level Control

Log Power Detector

Coupling

Forward Coupler

Reverse Coupler

Resistive Split

DUT

MCU

ADC

ADC

Gain/Phase Detector

V MAG

V PHASE

AD8302

RF A (REF)

RF B (DUT)

Reference

Return Signal

Through Signal