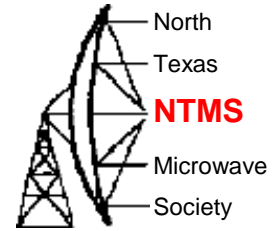



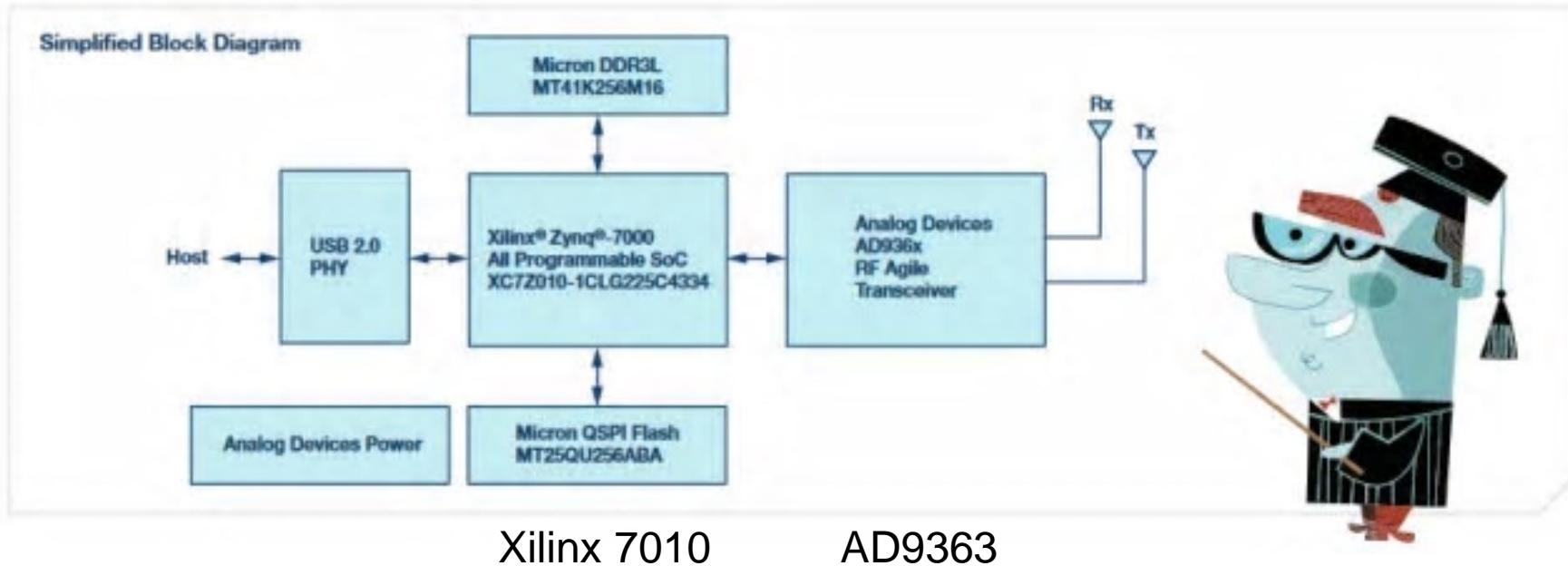
\$100 @ Mouser



 We are shipping (Yeah!). We are sold out. (Boo, bad on us). We are in process of building more.

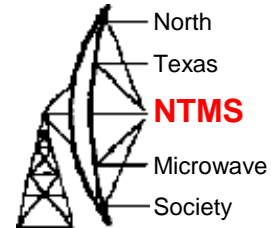
Analog Devices Description:

Associated Product



AD9363 Highly Integrated RF Agile Transceiver combines an RF front end with a flexible mixed-signal baseband section and integrated frequency synthesizers. The design provides a configurable digital interface to a processor. The AD9363 operates in the 325MHz to 3.8GHz range to cover most licensed and unlicensed bands. The transceiver supports channel bandwidths from less than 200kHz to 20MHz.

Specifications:



Analog Devices ADALM-PLUTO SDR Active Learning Module

ADALM-PLUTO SDR Active Learning Module

Specifications

Associated Product

Power

- DC Input (USB): 4.5V to 5.5V

Conversion Performance and Clocks

- ADC and DAC Sample Rate: 65.2kSPS to 61.44MSPS
- ADC and DAC Resolution: 12bits
- Frequency Accuracy: ± 25 ppm

RF Performance

- Tuning Range: 325MHz to 3800MHz
- Tx Power Output: 7dBm
- Rx Noise Figure: <3.5dB
- Rx and Tx Modulation Accuracy (EVM): -34dB (2%)
- RF Shielding: None

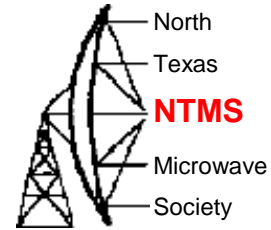
Digital Specifications

- USB: 2.0 On-the-Go
- Core: Single ARM Cortex®-A9 @ 667 MHz
- FPGA Logic Cells: 28k
- DSP Slices: 80
- DDR3L: 4Gb (512MB)
- QSPI Flash: 256Mb (32MB)

Physical Specifications

- Dimensions: 117mm×79mm×24mm or 4.62"×3.11"×0.95"
- Weight: 114g
- Temperature: 10°C to 40°C

AD9363

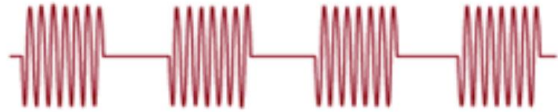


- IEEE - Wireless and Microwave Circuits and Systems WMCS, 5-6 Apr., Waco, TX
- **IEEE MTT-S Webinar**
- **Nonlinear Microwave Circuits (PART II)**
- Design of High-Efficiency Power Amplifier Using Nonlinear Embedding

RF DESIGN & TEST

Webcast Series

Sponsored by:



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Upcoming

- (Feb 7) Device and Material Characterization from DC to Millimeter-wave and THz
- (Mar 8) 5 Tips to Minimize Your Pass/Fail Errors
- (May 9) Modern Network Analyzer Calibration Techniques

+ Select All - Deselect All

On-Demand (Register for any of the webcasts below and have INSTANT access to the video)

- Detect and Troubleshoot Interference in Modern RF/MW Communication Systems
- RF Basics Part 1: Signal Analysis
- Mastering Noise Figure Measurements
- Increase RF and Microwave Test Efficiency and Throughput
- Microwave Device Characterization Using the Latest Vector Network Analyzers
- Millimeter-wave Component Characterization
- Understanding RF and Microwave Analysis Basics
- Understanding Phase Noise and Why it Matters

First Name*

Last Name*

Email*

Title*

Company*

Street Address Line 1*

Street Address Line 2

City*

State/Province*

Zip/Postal Code*