

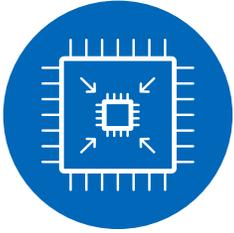
Analog Devices: Quick Overview

High Performance Semiconductors for “the Edge”

Founded • 1965	Revenue • \$5.6Bn in FY2020
Headquarters • Wilmington, MA	Markets • Industrial Communications, Automotive, Aero/Defense, Consumer, Health Care
Employees • ~16,400	Communications Focus • Wireline Infrastructure, Wireless Infrastructure, Microwave
Countries • 30+	Publicly Listed • NASDAQ:ADI Part of S&P 500 and NASDAQ 100

Global Manufacturing • **U.S. (Massachusetts, California, Washington), Ireland, Philippines, Malaysia**

Infrastructure Radio (O-RU) Challenges



Size Weight, Power & Cost

Size/weight/power = \$\$\$

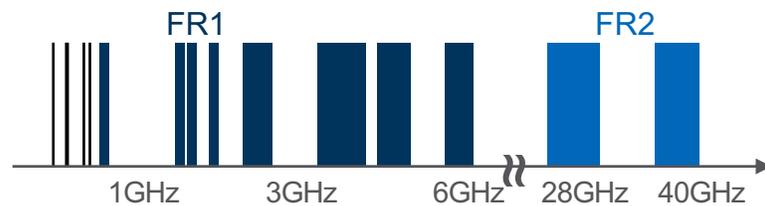
Capacity, Coverage, Adaptability



O-RU Evolution

Many O-RU Form Factors and Frequency Bands

Evolving Ecosystem: Virtualization of the Core Networks



Semiconductor Impact

Performance Enables New Architectures

Greater Bandwidths, Higher Bands (including Microwave), More antennas

More Channels: Higher levels of Integration

Radio Variety

Complete, flexible reference solutions for all BTS form factors

Built on common platform HW & SW silicon solutions



SMALL CELL

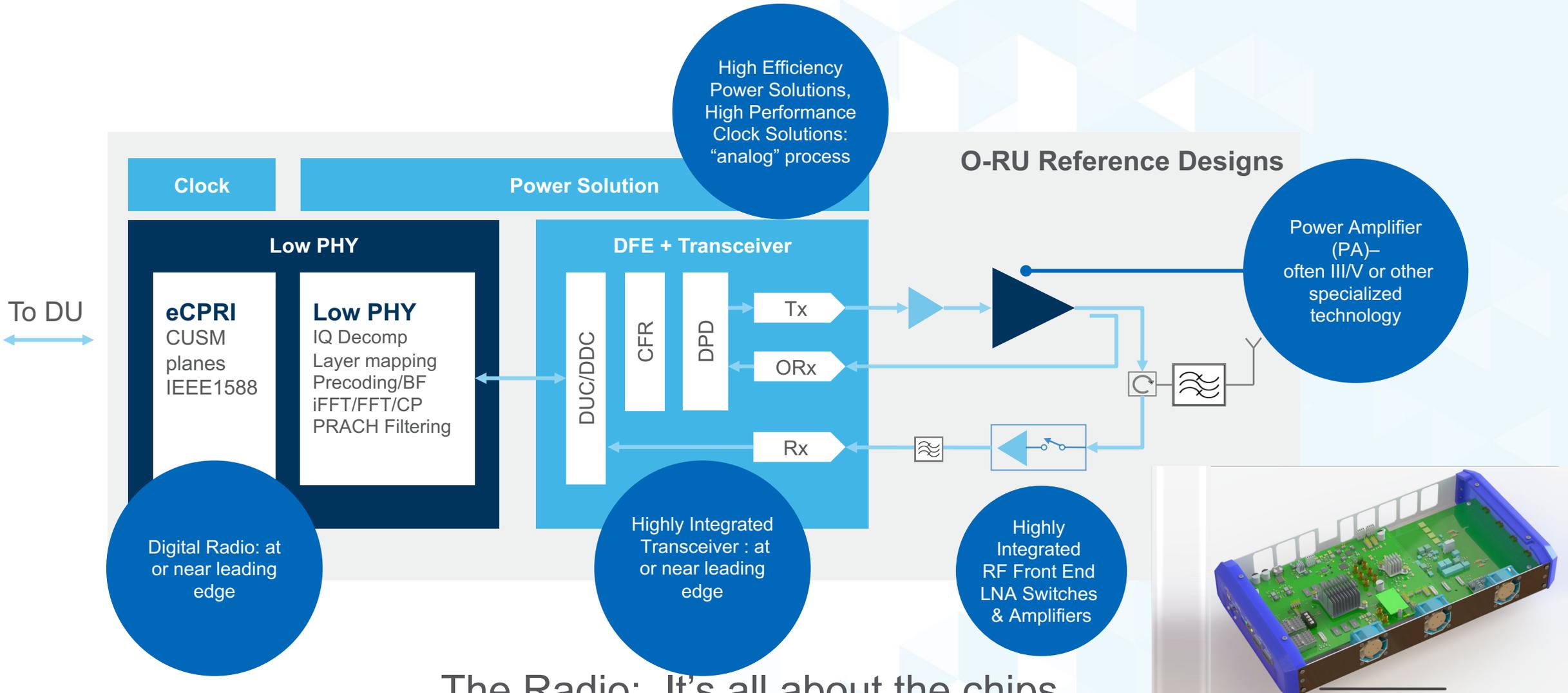


MACRO



M MIMO

Anatomy of a Base station Radio



The Radio: It's all about the chips . . .
Different Jobs Require Different technologies