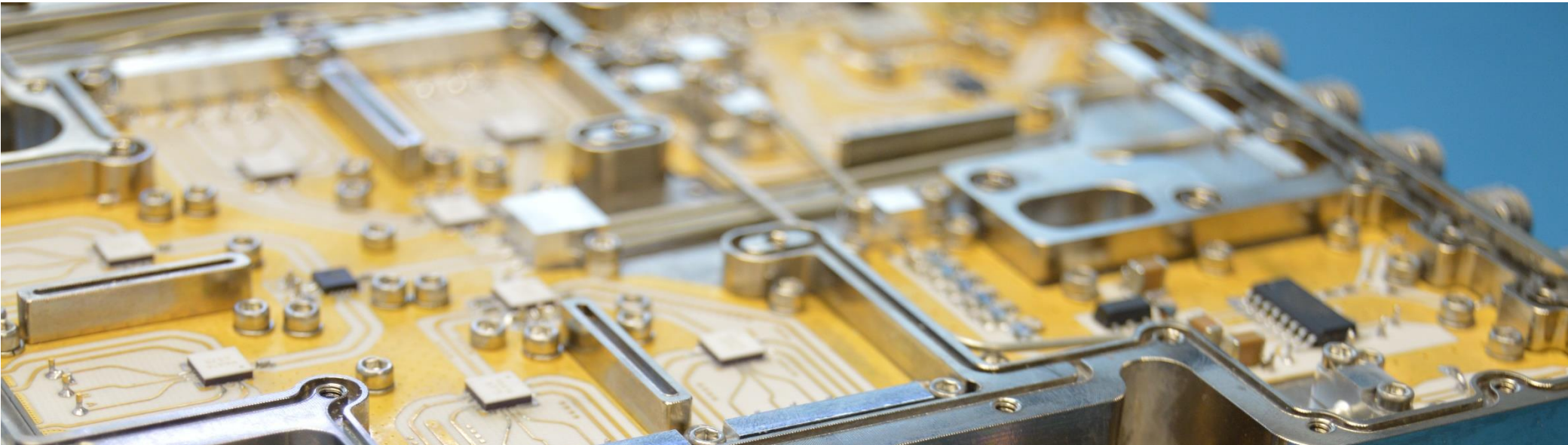


ERZIA



CUSTOM MODULES

ERZIA Custom Modules

✓ ERZIA Design of Custom modules Including:

✓ Microwave Technology

- ✓ Amplifiers
- ✓ Mixers
- ✓ Switches
- ✓ Attenuators
- ✓ Phase shifters
- ✓ Equalizers
- ✓ Filters
- ✓ MMICs
- ✓ Thin Film
- ✓ Microstrip

✓ Mechanical Technology

- ✓ Mechanical Design & Analysis
- ✓ Thermal Analysis

✓ Reliability

- ✓ Environmental Design & Analysis

✓ DC/DC

- ✓ Power supplies

✓ Digital

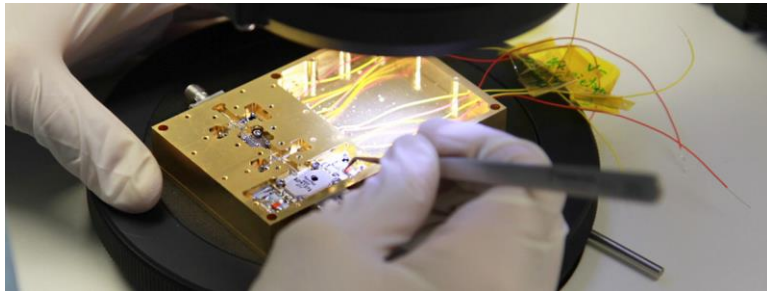
- ✓ FPGA control
- ✓ Microcontroller control
- ✓ Optimized GUIs



Example (II): Amplifiers sub-assemblies

✓ Highlights

- ✓ Multiple customizations of different COTS amplifiers
- ✓ Custom mechanics
- ✓ Combination of several COTS with frequency multipliers
- ✓ Integration of amplifiers with dividers, combiners, switches
- ✓ Specially Designed Graphical Users Interface



Example (II): RF over Fiber System

✓ Highlights

- ✓ RF multiplexed over fiber channel
- ✓ Over deck all weather equipment
- ✓ Full Duplex
- ✓ Remote and local GUI
- ✓ Compatible with legacy systems



Disclaimer: The units, data and characteristics presented in this document are in general not available for direct sale and are presented as a technical reference of ERZIA capabilities for new designs only. This document does not constitute a formal catalogue, not having ERZIA any obligation or responsibility over the accuracy and repeatability of the data presented, being it's only objective to serve as technical reference. For exact and accurate data for your application performance please contact sales@erzia.com

