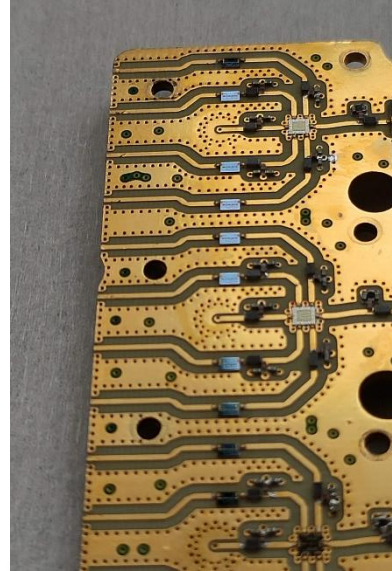


ERZIA



SWITCHING MATRICES

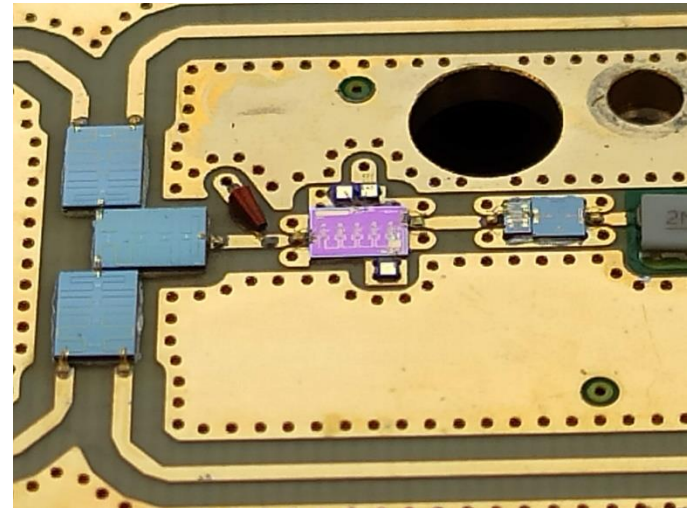
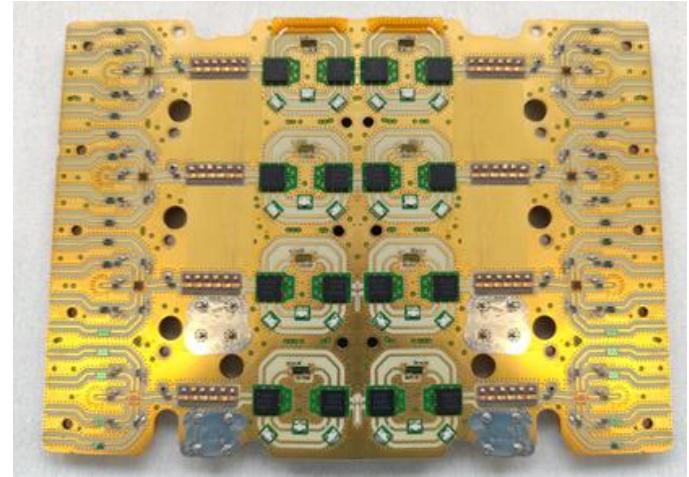
ERZIA SWITCHING MATRIXES

✓ ERZIA Switching Matrices

- ✓ Common Highway
- ✓ Full access
 - ✓ Blocking
 - ✓ Non-blocking
- ✓ Mixed types:
 - ✓ Random combinations of previous topologies

✓ ERZIA Switching Matrices

- ✓ Based on solid state switches
- ✓ Fast switching speeds
- ✓ Fully custom
- ✓ High level of integration
- ✓ Additional specs per every channel:
 - ✓ Variable gain, phase adjustment...
- ✓ Typical applications:
 - ✓ EW
 - ✓ Test Systems
- ✓ Typical enviromental specs:
 - ✓ Airborne systems

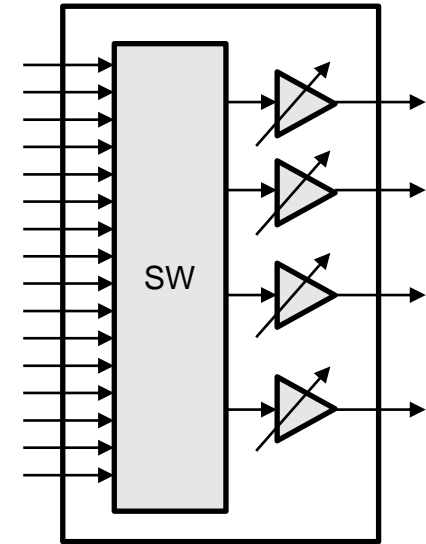


Switching Matrix Examples (I)

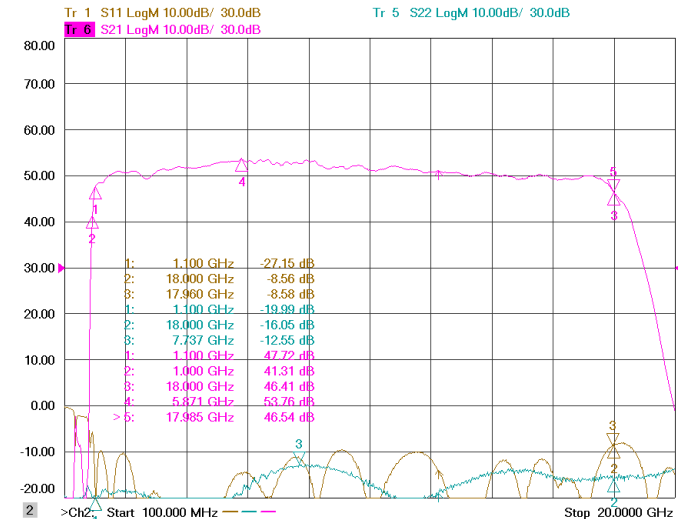
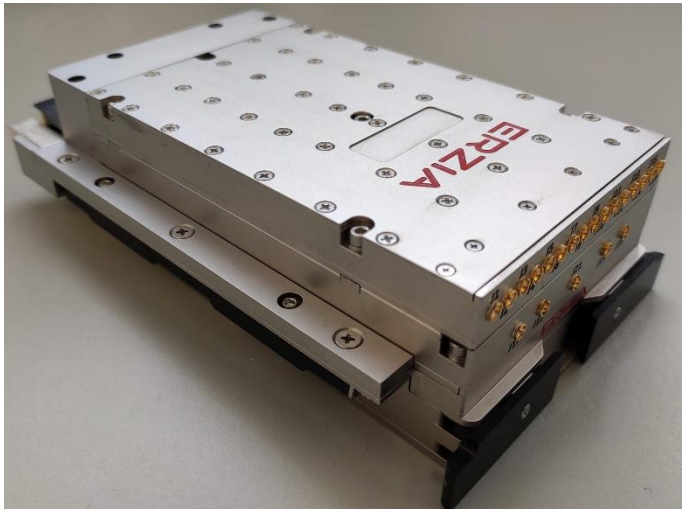
✓ Highlights

- ✓ 16 inputs – 4 outputs
- ✓ EW application
- ✓ Built in Test for all combinations
- ✓ Independent gain control per each channel
- ✓ 100% Solid State Technology
- ✓ Fast switching time < 1 us
- ✓ Environmentally Qualified

General Block Diagram



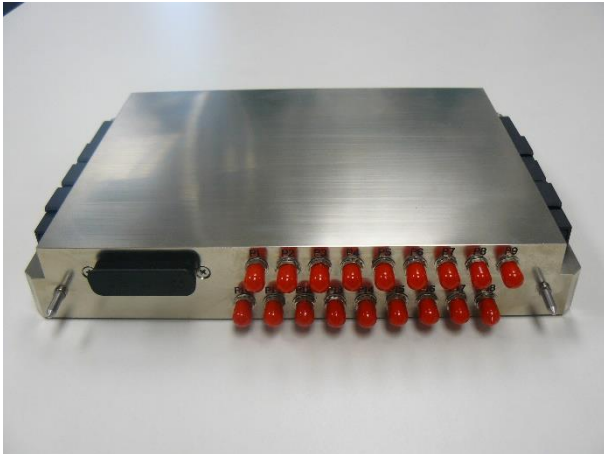
Example of 1 channel



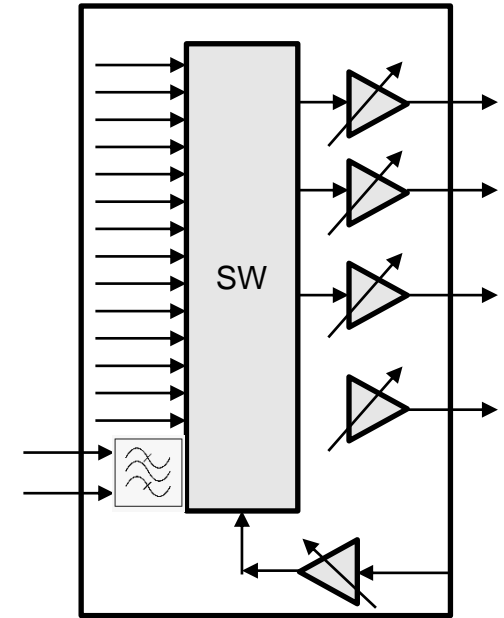
Switching Matrix Examples (II)

✓ Highlights

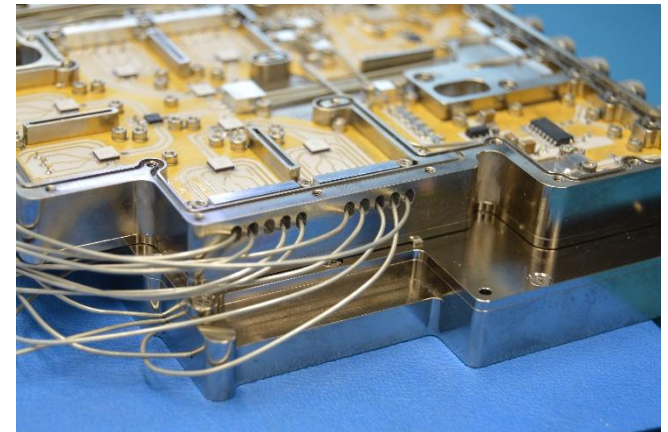
- ✓ 16 inputs – 4 outputs
- ✓ Different frequency channels
- ✓ EW application
- ✓ Built in Test for all combinations
- ✓ Independent gain control per each channel
- ✓ 100% Solid State Technology
- ✓ Fast switching time < 1 us
- ✓ Environmentally Qualified



General Block Diagram



Internal detail of the Assembly



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

