



Fast Electromagnetic Analysis Suite (FEMAS)



Link Path Analysis (LPA) Tool

The FEMAS Link Path analysis (LPA) tool is an extremely powerful, yet inexpensive and easy to use tool to find the total link S-parameters and eye patterns from a number of S-parameter blocks that are concatenated together. Users can read either snp or csv S-parameter files, combine them in any order and do either single-ended or differential signal analysis.

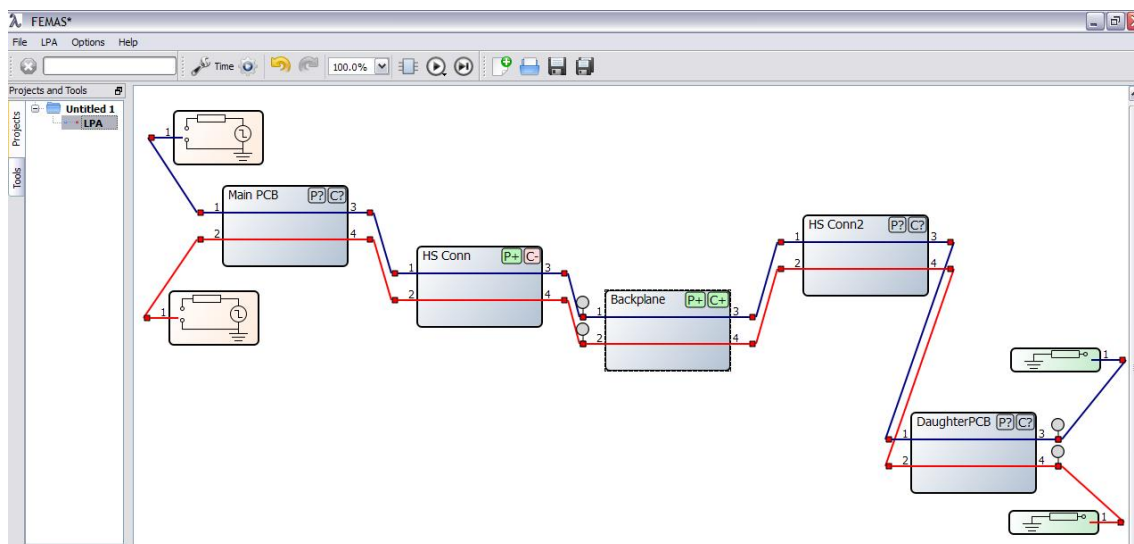
Built on the powerful FEMAS foundation, the LPA will allow users to check causality and/or passivity, enforce them with the CaP tool, plots results, and navigate seamlessly between the various portions of FEMAS.

Users wire the S-parameter blocks together as desired, add sources in either time domain or frequency domain, and

probes for output. Thus users can analyze the entire signal path, from the initial drivers on a main PCB, through a connector, onto a back plane PCB, through another connector, and finally onto another PCB where the signal is received. In addition to time/frequency domain analysis, users can perform TDR/TDT analysis.

There is no limit to the size of the S-parameter files, nor the number of S-parameter blocks that are allowed.

Users can also create S-parameter files with the 2D Cross Section (2DXS) Analysis tool, then use those S-parameter files as part of the overall link in the LPA



For more information contact info@MossBayEDA.com