

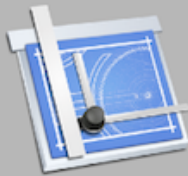
IntelliSuite contains a wide range of closely integrated tools to seamlessly go from schematic capture and optimization to design verification and tapeout. A flexible design flow allows you to start your design at either schematic, layout or 3D level.

IntelliSuite consists of a number of advanced tools that work together. For instance, Synple allows you to capture your MEMS at a schematic level, much like SPICE for electrical circuits. Your design can then be quickly iterated and optimized at different granularities. Sophisticated synthesis algorithms can automatically convert your schematic into mask layout, 3D or better yet a meshed structure for full multiphysics analysis.



**Synple**

Schematic capture  
Component based  
Design exploration  
Mask & 3D mesh synthesis



**Blueprint**

Physical design  
Layout/DRC  
Cross sectioning  
Output to 3D FEA



**Clean Room**

Process flow design  
Process debug  
Process visualization  
Output to 3D FEA



**Fast Field**

Multiphysics solvers  
Coupled field analysis  
System model extraction



**EDA Linker**

Link to EDA tools  
Cadence, Mentor,  
Synopsys, Ansoft,  
Mathworks etc...