Comparison of PSpice Tiers

The following table identifies the significant features that are included with various tiers of PSpice.

Category	Feature	PSpice Tiers		
		PSpice AD Basic	PSpice AD	OrCAD PSpice Designer Plus
Simulation Capacity		Design should have less than or equal to 250 nodes or 250 devices and such designs can be simulated: – upto 1,000,000 data point for transient analysis – upto 10,000 data point for AC or DC sweep analysis	No Limit	No Limit
Device				
	Analog Devices	All (Except BSIM 3.3 and BSIM 4 Devices, Magnetic Core, IGBT, Tlines, DMI Models)	All	All
	Digital	All	All	All
Analysis Types				
	DC	✓	✓	✓
	AC	✓	✓	✓
	Transient	✓	✓	✓
	Parametric Sweep	✓	✓	✓
	Check Point Restart	✓	✓	✓
	Monte Carlo	✓	✓	✓
	Worst Case	✓	✓	✓
	Auto Convergence	✓	✓	✓
	OP	✓	✓	✓
	Transfer Function	✓	✓	✓
	Sensitivity Analysis	✓	✓	✓
	SPEED Mode	✓	✓	✓
	Advance Convergence	✓	✓	✓
Waveform Analysis				
	Measurement	✓	✓	✓
	Performance Analysis	–	✓	✓
	Advanced Tools (FRA, Core loss)	✓	✓	✓
	FFT	✓	✓	✓
Utilities				
	Model Editor	–	✓	✓
	Stimulus Editor	–	✓	✓
	Magnetic Parts Editor	–	✓	✓
	Modeling Application	✓	✓	✓
Advanced Analysis				
	Smoke	–	✓	✓
	Optimizer	–	–	✓
	Sensitivity	–	–	✓
	Monte Carlo	–	–	✓
	Parametric Plotter	–	–	✓
PSpice-MATLAB Interface				
	Co-Simulation	–	–	✓
	Visualization	–	–	✓
	Functions	–	–	✓