microwave

Modular By Design

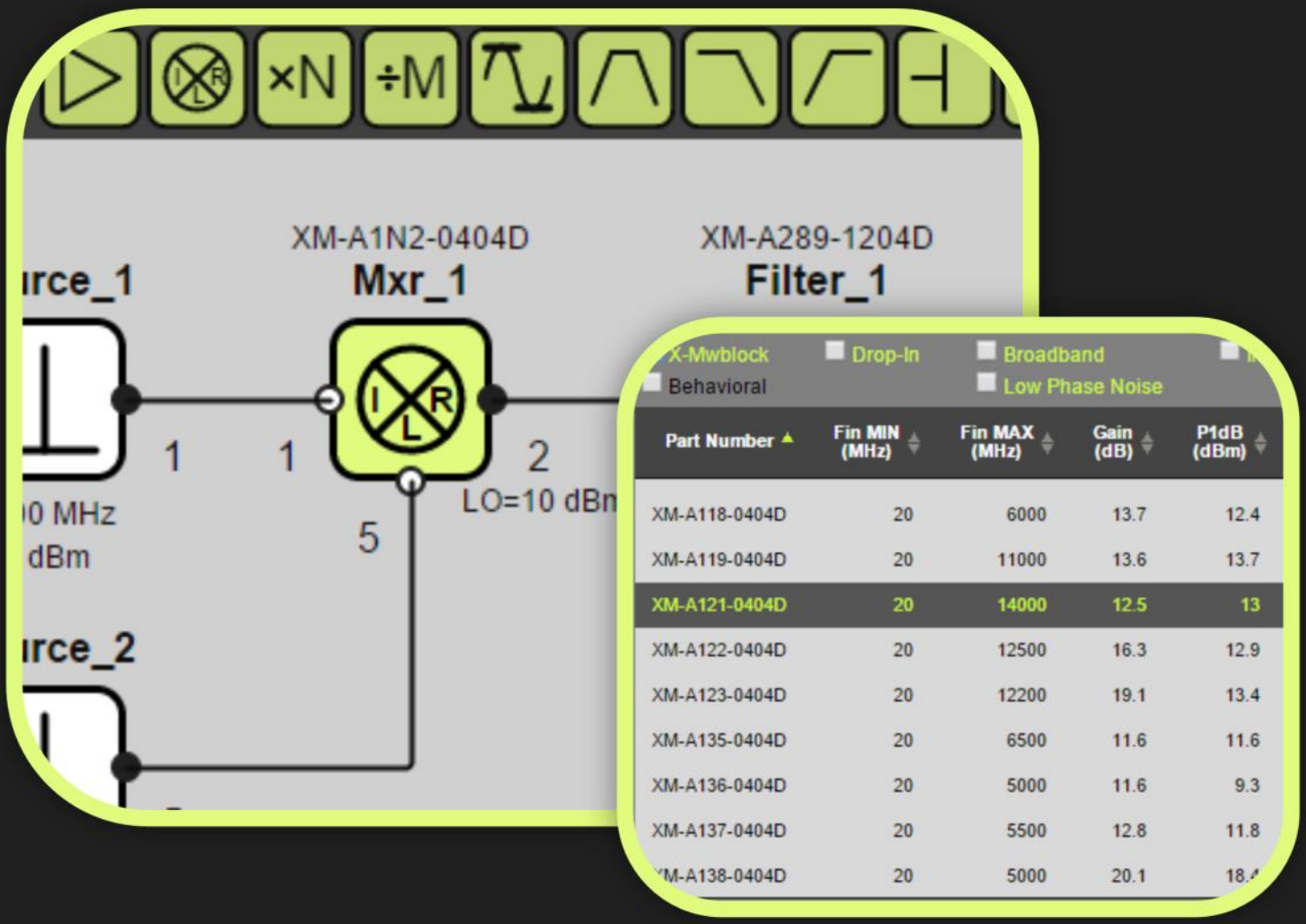
Online Simulator

Free Nonlinear Simulation
Powered by Keysight's Genesys Spectrasys
No Software to Download

X microwave

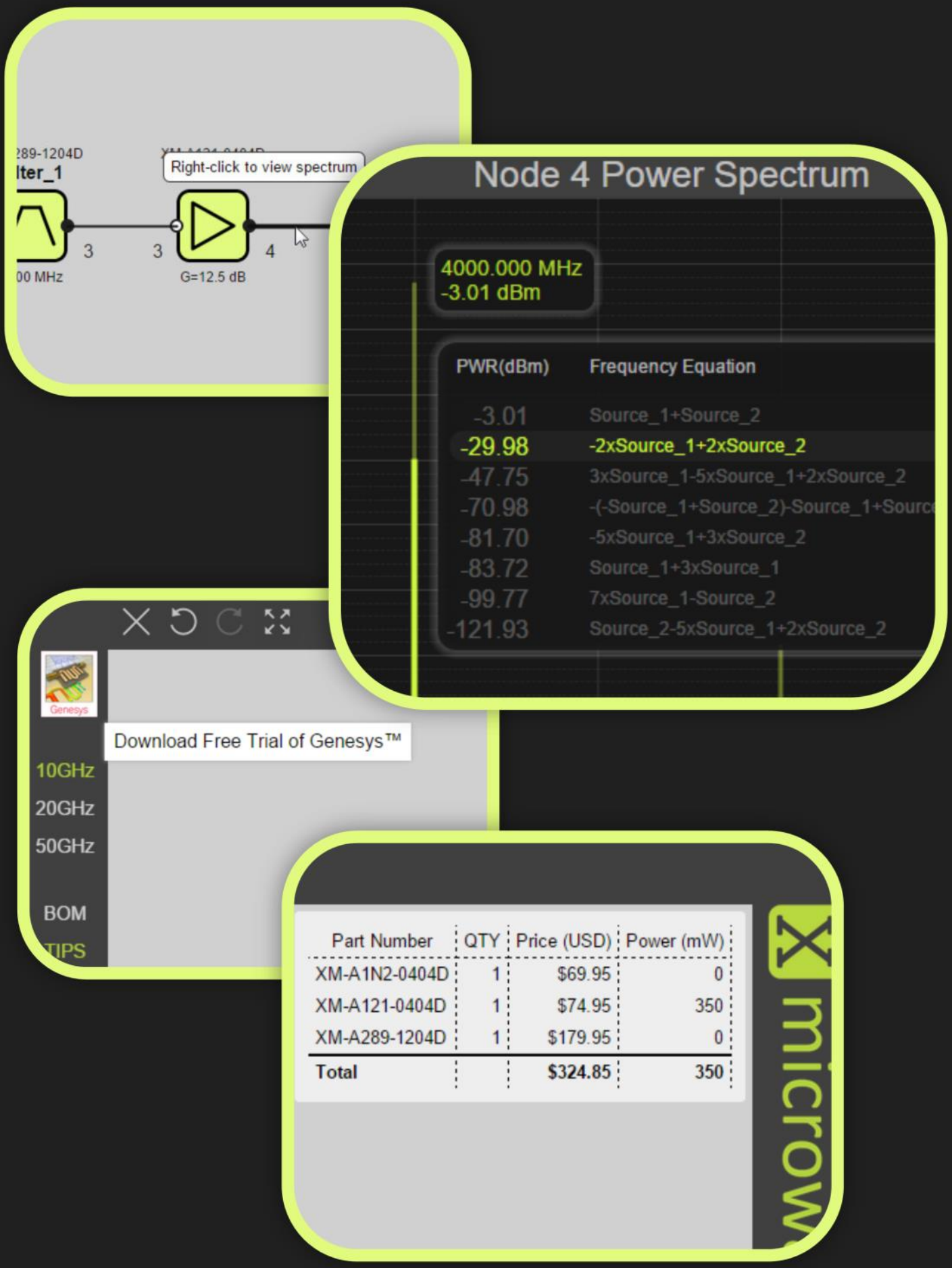
Features:

- FREE Nonlinear Simulations Powered by Keysight's Genesys Spectrasys
- Intuitive Graphical User Interface
- Simulate With 100's of Real Modeled Drop-In Components (X-MWblocks)
- Choose Behavioral Models, S-Parameter Models and X-Parameter Models
- Optimize Design Topology for Performance, Size, Cost and Power Consumption
- Create a BOM, Purchase Parts, Build Prototype, Build Production Hardware
- No Software to Download
- Start Now...Finish Soon



X-Mwblock | Drop-In | Broadband | Behavioral | Low Phase Noise

Part Number	Fin MIN (MHz)	Fin MAX (MHz)	Gain (dB)	P1dB (dBm)
XM-A118-0404D	20	6000	13.7	12.4
XM-A119-0404D	20	11000	13.6	13.7
XM-A121-0404D	20	14000	12.5	13
XM-A122-0404D	20	12500	16.3	12.9
XM-A123-0404D	20	12200	19.1	13.4
XM-A135-0404D	20	6500	11.6	11.6
XM-A136-0404D	20	5000	11.6	9.3
XM-A137-0404D	20	5500	12.8	11.8
XM-A138-0404D	20	5000	20.1	18.4


289-1204D
lter_1
Right-click to view spectrum
3
3
4
00 MHz
G=12.5 dB
Node 4 Power Spectrum
4000.000 MHz
-3.01 dBm
PWR(dBm)
Frequency Equation
-3.01
Source_1+Source_2
-29.98
-2xSource_1+2xSource_2
-47.75
3xSource_1-5xSource_1+2xSource_2
-70.98
-81.70
-5xSource_1+3xSource_2
-83.72
Source_1+3xSource_1
-99.77
7xSource_1-Source_2
-121.93
Source_2-5xSource_1+2xSource_2
Genesys
Download Free Trial of Genesys™
10GHz
20GHz
50GHz
BOM
TIPS
Part Number
QTY
Price (USD)
Power (mW)
XM-A1N2-0404D
1
$69.95
0
XM-A121-0404D
1
$74.95
350
XM-A289-1204D
1
$179.95
0
Total
$324.85
350

1) Visit xmicrowave.com

2) Register to Use the Simulator

3) Design, Simulate, Optimize

4) Purchase X-MWblocks

5) Prototype

6) Build Production Hardware