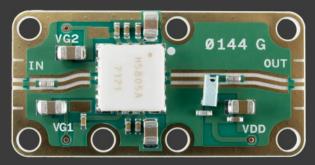
SPOTLIGHT ON

ANALOG DEVICES

Simplifying Test and Evaluation of Industry's Broadest DC to 100 GHz Portfolio

🔀 microwave

Modular Building Block System



Drop-In with HMC5805ALS6 (DC-40GHz Amp)

• Over 250 ADI Parts from DC to 100 GHz

Amps	Mixers	Switches
PLLs	VCOs	PLL/VCOs
Dividers	Multipliers	IQ Modulators
Attenuators	Detectors	Phase Shifters

- Packaged and Die Parts Supported
- Drop-In or Connectorized
- Bias / Control Boards Available

Simplify control of your prototype

			ADF4169		Analog [)evices		
Main	Config	Charge Pump	Ramp Main	TXdata	a/Delay Hi	story	Other	
		VCO				Refere	ence	
sired VCO Fi	req	930	ю	MHz	Reference F	req	100	MHz
ternal Presca	aler (P/P+1)	4/5	5		Ref x2 Doub	ler		
CO Divide by		~	Par la		Ref Counter	(R)	1	
ctual VCO Fr	eq	930	00	MHz	Ref /2 Divide	er		
teger Part of	ſN	93	3		PFD Freq		50	
ractional Par	rt of N	0						
Write	RO	Ramp 1 R		R5: 0	x00000005		0006	0000007
	ternal Presca CO Divide by actual VCO Fr Integer Part of Fractional Par	esired VCO Freq ternal Prescaler (P/P+1) CO Divide by 2 Actual VCO Freq Integer Part of N Fractional Part of N	esired VCO Freq 930 ternal Prescaler (P/P+1) 4/3 CO Divide by 2 930 ctual VCO Freq 930 nteger Part of N 90 iractional Part of N 0	esired VCO Freq 9300 ternal Prescaler (P/P+1) 4/5 CO Divide by 2 actual VCO Freq 9300 nteger Part of N 93 Fractional Part of N 0 Fractional Part of N 0 Fractional Part of N 0	esired VCO Freq 9300 MHz ternal Prescaler (P/P+1) 4/5 CO Divide by 2 9300 MHz inctual VCO Freq 9300 MHz integer Part of N 93 Fractional Part of N 0 Write R0: 0x002E8000 R1: 0x00000001 R2 0 R0: 0x002E8000 R1: 0x00000001 R2 0 R0: 0x002E8000 R1: 0x00000001 R2 0 R0: 0x002E8000 R1: 0x000000001 R2 0 R0: 0x002E8000 R1: 0x000000000 R2 0 R0: 0x002E8000 R1: 0x00000000000000 R2 0 R0: 0x002E8000 R1: 0x000000000 R2 0 R0: 0x002E8000 R1: 0x0000000000 R2 0 R0: 0x002E8000 R1: 0x0000000000 R2 0 R0: 0x000000000000 R2 0 R0: 0x0000000000000000000000000000000000	esired VCO Freq 9300 MHz Reference F ternal Prescaler (P/P+1) 4/5 Ref x2 Doub CO Divide by 2 actual VCO Freq 9300 MHz Ref Counter Ref /2 Divide PFD Freq 9300 PFD Freq Fractional Part of N 0 RE 0x00000001 R2: 0x1720800A Ref 0x0002E8000 R1: 0x00000001 R5: 0x00000005	esired VCO Freq 9300 MHz Reference Freq Ref x2 Doubler Ref 2 Doubler 2 Doubler Ref 2 Doubler Ref 2 Doubler 2 Doubl	Pesired VCO Freq 9300 MHz Reference Freq 100 ternal Prescaler (P/P+1) 4/5 Reference Freq 100 CO Divide by 2 Image: Comparison of the parameter of the

ADI devices on the X-MWblock format can be configured with our standalone touchscreen-enabled controller. Learn more at xmicrowave.com.

X-MWblock Drop-In for ADI Devices available at

analog.com and xmicrowave.com

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		Simplify your testing	with X-MWblock® drop-i	n modules 🔨		
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