



Analog Devices RF and
Microwave Products



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RF and microwave designs demand precision, stability, and extensive qualification, making component changes costly and time-consuming. For many systems, maintaining the original RF signal chain is essential to preserving performance and certification.

Rochester Electronics has partnered with Analog Devices to provide extended, authorized support for a broad portfolio of RF and microwave products. This includes millions of devices across a wide range of functions, packages, and operating conditions—all fully traceable and guaranteed.

With the Through Life Support 360™ (TLS360™) program, select RF products are supported within an actively managed lifecycle framework that prioritizes long-term availability. Customers benefit from predictable supply, continued authorization, and reduced lifecycle risk—allowing RF-critical systems to remain in production without compromise.



Lifecycle TLS360™
(7+ Years)

Rochester Electronics' lifecycle assurance program designed to keep critical semiconductor components available long after standard end-of-life timelines. By maintaining parts as fully authorized and actively managed, it helps customers avoid costly redesigns and supply disruptions. The result is greater stability, visibility, and confidence for long-life products and systems.

Manufacturer OPN	Product Description	Technology Group	RoHS Compliance	Package Type	Package Pin Count
ADF5610BCCZ-RL7	Microwave Wideband Synthesizer with Integrated VCO	RF- PLLs/Synth/Modulators	Yes	LGA48	48
ADL5356ACPZ-R7	1200 MHz to 2500 MHz Dual-Balanced Mixer, LO Buffer, IF Amplifier, and RF BALUN	RF Mixers/Swtchs/Detectors	Yes	LCC36	36
ADL5358ACPZ-R7	500 MHz to 1700 MHz, Dual-Balanced Mixer, LO Buffer, IF Amplifier, and RF BALUN	RF Mixers/Swtchs/Detectors	Yes	WFQFN36	36
ADL5386ACPZ-R7	50 MHz to 2200 MHz Quadrature Modulator with Integrated Detector and VVA	RF- PLLs/Synth/Modulators	Yes	LCC40	40
ADRF6601ACPZ-R7	300 MHz to 2500 MHz RX Mixer with Integrated Fractional-N PLL and VCO	RF Mixers/Swtchs/Detectors	Yes	LFCSP40	40
ADRF6602ACPZ-R7	1550 MHz to 2150 MHz RX Mixer with Integrated Fractional-N PLL and VCO	RF Mixers/Swtchs/Detectors	Yes	LFCSP40	40
ADRF6603ACPZ-R7	2100 MHz to 2600 MHz RX Mixer with Integrated Fractional-N PLL and VCO	RF Mixers/Swtchs/Detectors	Yes	LFCSP40	40
ADRF6612ACPZ-R7	700 MHz to 3000 MHz Dual PASSIVE Receive Mixer with Integrated PLL and VCO	RF Mixers/Swtchs/Detectors	Yes	LFCSP48	48
ADRF6614ACPZ-R7	Dual Passive Receive Mixer with Integrated PLL and VCO	RF Mixers/Swtchs/Detectors	Yes	QFN48	48
ADRF6655ACPZ-R7	Broadband Up/Down converting Mixer with Integrated Fractional-N PLL and VCO	RF Mixers/Swtchs/Detectors	Yes	LFCSP40	40
ADRF6701ACPZ-R7	400 MHz to 1250 MHz Quadrature Modulator with 750 MHz to 1150 MHz FRAC-N PLL and Integrated VCO	RF Mixers/Swtchs/Detectors	Yes	LCC40	40
ADRF6703ACPZ-R7	1550 MHz to 2650 MHz Quadrature Modulator with 2100 MHz to 2600 MHz FRAC-N PLL and Integrated VCO	RF Mixers/Swtchs/Detectors	Yes	LFCSP40	40
ADRF6704ACPZ-R7	2050 MHz to 3000 MHz Quadrature Modulator with 2500 MHz to 2900 MHz FRAC-N PLL and Integrated VCO	RF Mixers/Swtchs/Detectors	Yes	VFQFN40	40
ADRF6720-27ACPZ-R7	RF Modulator and Demodulator Modulator 40-QFN	RF Mixers/Swtchs/Detectors	Yes	QFN40	40
ADRF6720ACPZ-R7	RF Modulator and Demodulator Modulator	RF Mixers/Swtchs/Detectors	Yes	WFQFN40	40
ADRF6801ACPZ-R7	750 MHz to 1150 MHz Quadrature Demodulator with Fractional-N PLL and VCO	RF Mixers/Swtchs/Detectors	Yes	VFQFN40	40
ADRF6806ACPZ-R7	50 MHz to 525 MHz Quadrature Demodulator with Fractional-N PLL and VCO	RF Mixers/Swtchs/Detectors	Yes	VFQFN40	40
HMC1010LP4ETR	HMC1010 - DC-3.9 GHz RMS Power Detector	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC1020LP4ETR	HMC1020 - Linear Detector, 0MHz Min, 3900MHz Max, 10dBm Input Power-Max	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC1021LP4ETR	HMC1021 - RMS Power Detector SMT, with Envelope Tracker, DC - 3.9 GHz	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC1027BG	HMC1027 - 14.2 Gbps, 13x13 Asynchronous Crosspoint Switch with Equalization and De-Emphasis	RF Mixers/Swtchs/Detectors	Yes	BGA168	168
HMC1034LP6GETR	HMC1034 - Clock Generator With Fractional-N PLL & Integrated Vco, 125 - 3000 Mhz	Clock Generator	Yes	QFN40	40
HMC1044LP3ETR	HMC1044 - Programmable Harmonic Low Pass Filter, 1 - 3 GHz 3 dB Bandwidth	Integrated RF Circuits	Yes	QFN16	16
HMC1060LP3ETR	HMC1060 - Quad Low Noise High PSRR Linear Voltage Regulator	LDOs/Linear Regulators	Yes	QFN16	16

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HMC1097LP4ETR	HMC1097 - Wideband Direct Quadrature Modulator, 100 - 6000 MHz	RF- PLLs/Synth/Modulators	Yes	QFN24	24
HMC1190ALP6NETR	HMC1190A - Broadband High IP3 Dual Channel Downconverter w/ Fractional-N PLL & VCO, 0.7 - 3.8 GHz	RF Mixers/Swtchs/Detectors	Yes	LFCSP40	40
HMC1197LP7FETR	HMC1197 - Wideband Direct Quadrature Modulator w/ Fractional-N PLL & VCO, 100 - 4000 MHz	RF- PLLs/Synth/Modulators	Yes	QFN48	48
HMC601LP4ETR	HMC601 - 75dB Log Det/Controller, 10 - 4000 MHz	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC602LP4ETR	HMC602 - 70 dB, Logarithmic Detector/ Controller SMT, 1 - 8000 MHz	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC611	HMC611-DIE - Detector Controller Chip, 0.001 GHz to 10 GHz	RF Mixers/Swtchs/Detectors	Yes	Die	0
HMC611LP4ETR	HMC611 - Logarithmic Detector Controller Chip, 0.001 GHz to 10 GHz	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC611LP4TR	HMC611 - Logarithmic Detector Controller Chip, 0.001 GHz to 10 GHz	RF Mixers/Swtchs/Detectors	No	QFN24	24
HMC685LP4TR	HMC685 - BiCMOS Mixer w/Integrated LO Amplifier, 1.7 - 2.2 GHz	RF Mixers/Swtchs/Detectors	No	QFN24	24
HMC687LP4ETR	HMC687 - BiCMOS MMIC Mixer w/Integrated LO Amplifier, 1.7 - 2.2 GHz	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC700LP4ETR	HMC700 - 8 GHz 16-Bit Fractional-N PLL	RF- PLLs/Synth/Modulators	Yes	QFN24	24
HMC701LP6CETR	HMC701 - 8 GHz 16-Bit Fractional-N PLL with Sweeper	RF- PLLs/Synth/Modulators	Yes	QFN40	40
HMC702LP6CETR	HMC702 - 14 GHz 16-bit Fractional-N PLL with Sweeper	RF- PLLs/Synth/Modulators	Yes	QFN40	40
HMC703LP4ETR	HMC703 - 8 GHz Fractional-N PLL with Sweeper	RF- PLLs/Synth/Modulators	Yes	QFN24	24
HMC704LP4ETR	HMC704 - 8 GHz Fractional-N PLL	RF- PLLs/Synth/Modulators	Yes	QFN24	24
HMC713LP3ETR	HMC713 - 54 dB, Logarithmic Detector/ Controller SMT, 50 - 8000 MHz	RF Mixers/Swtchs/Detectors	Yes	QFN16	16
HMC713MS8ETR	HMC713 - 54 dB, Logarithmic Detector/ Controller SMT, 50 - 8000 MHz	RF Mixers/Swtchs/Detectors	Yes	MSOP8	8
HMC783LP6CETR	HMC783 - Synth w/VCO 11.5-12.5GHz	RF- PLLs/Synth/Modulators	Yes	QFN40	40
HMC794LP3E	2 GHz Low Noise Programmable Divider (N = 1 to 4) SMT	RF- PLLs/Synth/Modulators	Yes	QFN16	16
HMC794LP3ETR	HMC794 - 2 GHz Low Noise Programmable Divider (N = 1 to 4) SMT	RF- PLLs/Synth/Modulators	Yes	QFN16	16
HMC822LP6CETR	HMC822 - Fractional-N PLL with Integrated VCO SMT	RF- PLLs/Synth/Modulators	Yes	VFQFN40	40
HMC829LP6GETR	HMC829 - Fractional-N PLL with Integrated VCO SMT	RF- PLLs/Synth/Modulators	Yes	QFN40	40
HMC830LP6GETR	HMC830 - 25-3000 Mhz Fractional-N Pll with Integrated VCO	RF- PLLs/Synth/Modulators	Yes	LCC40	40
HMC832LP6GETR	HMC832 - Wideband PLL+VCO (3.3V), 25 - 3000 MHz	RF- PLLs/Synth/Modulators	Yes	QFN40	40
HMC833LP6GETR	HMC833 - Fractional-N PLL with Integrated VCO SMT	RF- PLLs/Synth/Modulators	Yes	QFN40	40

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HMC834LP6GETR	HMC834 - Fractional-N PLL with Integrated VCO 45 - 1050, 1400 - 2100, 2800 - 4200 Fo, 5600 - 8400 MHz	RF- PLLs/Synth/Modulators	Yes	QFN40	40
HMC835LP6GETR	HMC835 - Wideband PLL+VCO, 33 - 4100 MHz, 4 Outputs	RF- PLLs/Synth/Modulators	Yes	QFN40	40
HMC839LP6CETR	HMC839 - Fractional-N PLL with Integrated VCO SMT	RF- PLLs/Synth/Modulators	Yes	QFN40	40
HMC840LP6CETR	HMC840 - Fractional-N PLL with Integrated VCO SMT	RF- PLLs/Synth/Modulators	Yes	QFN40	40
HMC860LP3ETR	HMC860 - Quad Low Noise High PSRR Linear Voltage Regulator	LDOs/Linear Regulators	Yes	QFN16	16
HMC900LP5ETR	Dual Baseband Programmable Low Pass Filter, 50 MHz	RF- Amps/LNAs/AFEs	Yes	QFN32	32
HMC909LP4ETR	HMC909 - RMS Power Detector Single-Ended SMT, DC - 5.8 GHz	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC914LP4ETR	HMC914 - 12.5 Gbps Limiting Amplifier SMT, with Loss of Signal Feature	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC960LP4ETR	HMC960 - DC - 100 MHz Dual Digital Variable Gain Amplifier SMT with Driver	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC976LP3ETR	HMC976 - 400 mA Low Noise, High PSRR Linear Voltage Regulator	LDOs/Linear Regulators	Yes	QFN16	16
HMC983LP5ETR	HMC983 - DC - 7 GHz Fractional-N Divider and Frequency Sweeper	RF Mixers/Swtchs/Detectors	Yes	QFN32	32
HMC984LP4ETR	HMC984 - Digital Phase-Frequency Detector	RF Mixers/Swtchs/Detectors	Yes	QFN24	24
HMC987LP5ETR	HMC987 - 3.3V Low Noise 1:9 Fanout Buffer, DC - 8 GHz	Clock Buffers & Drivers	Yes	QFN32	32
HMC988LP3ETR	HMC988 - Divider 1,2,4,16,32, Variable Delay 4GHz	Other/Misc RF Components	Yes	QFN16	16





Global Headquarters

Rochester Electronics, LLC
16 Malcolm Hoyt Drive
Newburyport, MA 01950
United States

Phone: +1.978.462.9332
Fax: +1.978.462.9512
sales@rocelec.com
www.rocelec.com

EMEA Headquarters

Rochester Electronics Ltd.
Unit 2 Fenice Court
Eaton Socon, St Neots
Cambridgeshire PE19 8EW
United Kingdom

Phone: +44.1480.408400
Fax: +44.1480.407669
emeasales@rocelec.com
www.rocelec.com

APAC Headquarters

Rochester Electronics PTE. LTD.
2 Venture Drive #18-01
Vision Exchange
Singapore 608526

Phone: +65.6653.6788
apacsales@rocelec.com
www.rocelec.com

Japan Headquarters

Rochester Electronics Ltd.
Sunshine 60 Bldg, 11F
3-1-1 Higashi Ikebukuro, Toshima-Ku
Tokyo 170-6011
Japan

Phone: +81.3.4579.0834
japansales@rocelec.com
www.rocelec.jp

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The Semiconductor Lifecycle Solution®
