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Modulators And Upconverters

Part	Description	Frequency (MHz)	Vcc (Volts)	Conversion Method	Icc (mA)	Gain Control (dB)	Mod BW (MHz)	Package	Page
RF2402	UHF Quadrature Modulator	600 to 1000	3 to 5.5	Direct	28	n/a	100	SOP-14	5-1
RF2412	Broadband Dual-Conversion Quadrature Modulator	100 to 1000	3 to 6.5	Dual	31	n/a	50	SOP-20	5-7
RF2413	Gain Controlled Dual-Conversion Quadrature Modulator	200 to 1000	3 to 6.5	Dual	35	60	25	SOP-20	5-19
RF2422	2.5GHz Direct Quadrature Modulator	800 to 2500	4.5 to 6.0	Direct	45	n/a	250	SOP-16	5-29
RF2423	100mW Spread-Spectrum Transmitter IC	800 to 1000	4.5 to 6.0	Direct	110	25	100	SOP-16	5-35
RF2424	UHF Quadrature Modulator	700 to 1000	2.7 to 5.5	Direct	45	n/a	TBD	SOP-16	5-43
RF2454	VHF Quadrature Modulator	200 to 600	3 to 5.5	Direct	28	n/a	100	SOP-14	5-49
RF2464	VHF Quadrature Modulator	200 to 600	4.5 to 5.5	Direct	28	n/a	100	SOP-14	5-55
RF2658	Transmit Modulator, IF AGC, and Upconverter	900 to 1000	2.7 to 3.3	Dual	43 to 63	88	50	SSOP-28	5-61
RF2668	CDMA/FM Transmit Modulator, IF AGC, and Upconverter with Integrated PLL	700 to 2000	2.7 to 3.3	Dual	40 to 69	95	20	LQFP-48	5-71
RF2713	Quadrature Modulator/Demodulator	0.1 to 250	2.7 to 6	Direct	10	n/a	50	SOP-14	5-83
RF2909	3V 915MHz Spread-Spectrum Transmitter IC	100 to 1100	2.7 to 5.0	Direct	30 to 175	20	10	SSOP-24	11-103
RF9958	CDMA/FM Transmit Modulator, IF AGC, and Upconverter	900 to 1000	2.7 to 3.3	Dual	43 to 63	88	50	SSOP-28	5-93

