



Part Number	Function	Key Features	Package	Source
Cellular (continued)				
U2790B-FP	1000-MHz quadrature modulator for digital cellular radio systems	- Very low power consumption (typ. 150 mW) for 0 dBm O/P level - Very good sideband suppression - Only 3 external components	SO16	HN
U2791B-FS	1000-MHz quadrature demodulator for digital cellular radio systems	- Current consumption 28 mA @ 5 V - Excellent LO isolation - Very good image rejection	SSO20	HN
U2793B-FS	30- to 300-MHz quadrature modulator for WLAN digital cellular radio systems and hybrid fibre coax applications	- Current consumption 15 mA @ 5 V 0 dBm O/P level 50-Ω single-ended LO and RF ports - Phase shifter integrated	SSO20	HN
U2794B-FS	1000-MHz quadrature demodulator for cellular phones and hybrid fibre coax	- See U2791B but - Frequency range down to 70 MHz - Very low output offset: < 5 mV	SSO20	HN
U2795B-FP	2000-MHz up- and down-conversion mixer for DECT, PCN, and WLAN application	- Supply voltage 2.7 to 5.5 V - Single-ended output, no balun required - Input and output impedance programmable - IP3 programmable	SO8	HN
U2796B-FP	2000-MHz down-conversion mixer	- Supply voltage 2.7 to 5.5 V - Very good isolation characteristics - Current consumption 3.2 mA	SO8	HN
U2797B-FS	1000-MHz quadrature demodulator for cellular phones	- See U2790B but - Smaller package and higher baseband input impedance	SSO20	HN
U2891B-FS	Converter for wireless applications such as GSM, DCS1800, PCS1900, PDC	- I/Q modulator and mixer - Low current consumption: 22 mA @ 3 V - Few external components	SSO24	HN
U2893B-FS	GSM, DCS, PCS modulation PLL	I/Q modulator, mixer and phase frequency detector	SSO28	HN
CT2				
U2760B-FS	CT2 RX/ TX IC	Highly integrated transceiver unit for CT2 cordless phones	SSO28	HN
U2783B-FS	Twin PLL, 1250/400 MHz	- Low current consumption: 10 mA @ 3 V - Supply voltage range 2.7 to 5 V - Very sensitive inputs: min. 20 mV	SSO20	HN
U3770M	CT2 modulator	I/Q modulator and clock circuitry	SO16	HN
U7001BG	CT2 front end	- LNA, switch and PA integrated - Low noise, high efficiency	SSO20	HN
CT0 / CT1				
U3500BM	CT2 analog signal processor	- Two-chip CT0 solution with U3550BM - Microcomputer programmable - FSK modem - Compander, scrambler	SO28	HN
U3501BM	CT1 analog signal processor	CT1 analog signal processing IC	SO28	HN
U3550BM	CT0 frequency processor	- Two-chip CT0 solution with U3500BM - Microcomputer programmable	SO24	HN