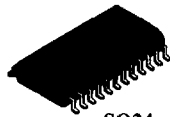




DIP16



SO24



SSO20



SSO28

Part Number	Description	Features	Package	Source
Digital Audio Broadcasting (DAB Chip Set)				
U2754B-BFS	L-band PLL for DAB receivers	PLL for L-band down-converters, four selectable divide factors	SSO20	HN
U2755B-BFS	L-band mixer for DAB receivers	L-band amplifier, mixer, and VCO	SSO20	HN
U2730B-FS	L-band down-converter incl. PLL for DAB receivers	High linear amplifier, AGC dynamic range >30 dB, VCO, 4 reference divide factors selectable, mixer, three-state phase detector with programmable charge pump	SSO28	HN
U2750B-FS	Mixer, oscillator, AGC generation for DAB receivers	RF range 70 to 260 MHz, two identical mixers, 4-pin VCO, SAW filter driver	SSO20	HN
U2733B-CFS	PLL for DAB receivers	Fractional -N- frequency synthesizer, I ² C bus controlled, superior phase noise performance, reference frequency doubler, 4 reference divide factors selectable, 4 switching outputs	SSO20	HN
U2733B-DFS	PLL for DAB receivers	Fractional -N- frequency synthesizer, I ² C bus controlled, superior phase noise performance, reference frequency doubler, 4 reference divide factors selectable, 4 switching outputs, DAC's for automatic adjustment	SSO20	HN
U2753B-CFS	PLL for DAB receivers	I ² C bus controlled, 4 reference divide factors selectable, programmable 15-bit counter, 6 switching outputs	SSO20	HN
U2753B-DFS	PLL for DAB receivers	I ² C bus controlled, 4 reference divide factors selectable, programmable 15-bit counter, 6 switching outputs, reference frequency doubler	SSO20	HN
U2753B-BFS	PLL for DAB receivers	I ² C bus controlled, 4 reference divide factors selectable, programmable 15-bit counter, 6 switching outputs, reference frequency doubler, DACs for automatic adjustment	SSO20	HN
U2759B U2759B-FL	IF signal processing for DAB receivers	High linearity of the complete circuit, mixer: double-balanced, high-current Gilbert cell, internal AGC loops, 3-stage gain-controlled wideband amplifier	DIP16 SO24	HN
U2752M-A	Digital I/O generator for DAB receivers	Input signal splitting into its quadrature components, quadrature matching: 0 dB in magnitude, <=1.6° in phase	SO24	HN
U2757M-B	FFT/IFFT processor for DAB channel decoder/encoder	Input buffering, programmable scaling on transmission symbol level, 2048-, 1024-, 512-, 256-, 32-point FFT with programmable scaling, differential demodulation, metric generation, 4 transmission modes	TQFP100	HN