










Model	 AXIOM37-8 (MXO37/8)	 AXIOM37-8LG (MXO37/8D)	 AXIOM37-14LP (MXO37/14L)	 AXIOM37H-14 (MXO37H/14)	 AXIOM35HR (MXO37H/R)
Frequency range	8 ~ 100 MHz	8 ~ 100 MHz	8 ~ 120 MHz	30 ~ 300 MHz	30 ~ 300 MHz
Output waveform	HCMOS			Sine wave	
Power consumption	< 170 mW	< 250 mW	< 170 mW	< 170 mW	< 170 mW
Warm-up time	60 s	60 s	< 60 s	60 s	90 s
Stability	±3 ppb	±5 ppb			±3 ppb
Temperature range	-40°C ~ +85°C				
Supply voltage	3.3 ~ 5 V				
Feature	Small size	Low G-Sensitivity	Low Profile	VHF	VHF
Size	15.1 x 15.1 x 10 mm THD	15.1 x 15.1 x 10 mm THD	20.6 x 15.2 x 8 mm DIL14 compatible THD	20.6 x 15.2 x 10 mm DIL14 compatible THD	20 x 20 x 14 mm (CO 15) THD
SMD versions available on request					

Above models are produced in association with Magic XTAL Ltd.



Ultra-Low Noise & Very High Stability Models

Model	 MXO37/R	 MXO37/8P	 MXO37/14P	 MXODR
Frequency range	8 ~ 100 MHz	8 ~ 150 MHz	8 ~ 150 MHz	8 ~ 100 MHz
Output waveform	Sine wave / HCMOS			
Power consumption	typ. 150 mW	< 170 mW	< 200 mW	< 1 W
Warm-up time	typ. 45 s	< 60 s	60 s	180 s
Stability	±3 ppb			±0.1 ppb
Temperature range	-40°C ~ +85°C			-30°C ~ +70°C
Supply voltage	3.3 ~ 5 V			
Feature	Ultra-low power	Low Noise (-173 dBc/Hz floor)		Ultra-High Stability DOCXO
Size	20 x 20 x 12 mm (CO 15) THD	15.1 x 15.1 x 9 mm THD	20.6 x 15.2 x 9 mm DIL14 compatible THD	20 x 20 x 13 mm (CO 15) THD
	SMD versions available on request			

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