

SLX Series Ultra-Miniature, Low Power Consumption

PRODUCT FEATURES

- Fixed-frequency or serially-programmable

GENERAL CHARACTERISTICS

- Frequency: 50 MHz - 6 GHz
- Bandwidth: Fixed, to > 30%
- Phase Noise (Fout=290 MHz): <-100 dBc/Hz @ 100 KHz
- Supply Voltage: +3, +3.3, or +5 VDC
- SMT Package: 0.5" x 0.5" x 0.15" (12.7 x 12.7 x 3.8)mm

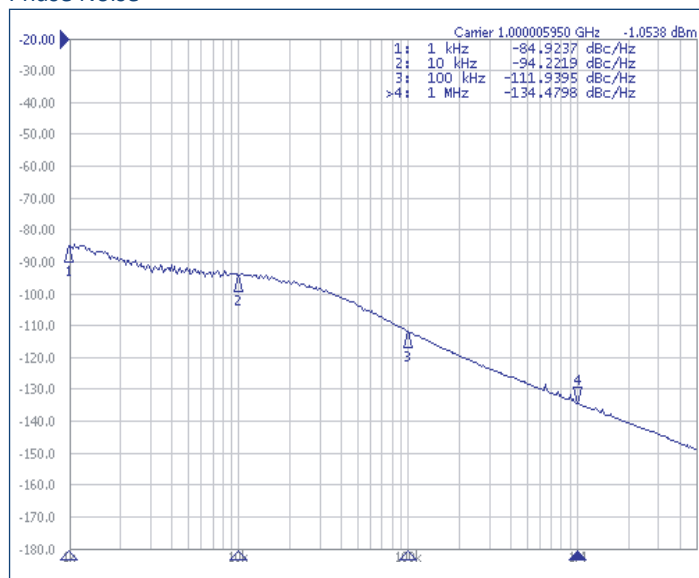


*Custom frequencies available. All specifications are typical unless otherwise specified and subject to change without notice.

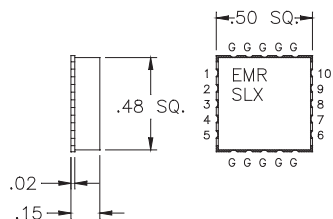
Typical Performance for Select Units

Model#	Freq. (MHz)	Step Power			Phase Noise (dBc/Hz)			Supply		
		Size (KHz)	Out (dBm)	Harmonics (dBc)	10 KHz	100KHz	Spurs (dBc)	Voltage (Vdc)	Current (mA)	
SLX-70-XX	70	na	+3	-12	-95	-115	-70	+5	40	
SLX-148-XX	148	na	+0	-12	-95	-120	-40	+3	20	
SLX-300-XX	300	na	+7	-12	-90	-110	-60	+5	45	
SLX-660-XX	640-660	500	+0	-10	-90	-115	-55	+5	30	
SLX-890-XX	890	na	+0	-15	-90	-110	-60	+5	40	
SLX-1020-XX	1020	na	+3	-15	-90	-110	-60	+3	25	
SLX-1038-XX	1012-1038	500	+0	-15	-90	-110	-55	+3.3	30	
SLX-1200-XX	1200	na	+0	-15	-90	-110	-60	+5	20	
SLX-1780-XX	1780	na	+0	-12	-90	-110	-60	+3.3	25	
SLX-1800-XX	1800	na	+0	-10	-90	-110	-55	+3.3	20	
SLX-1900-XX	1700-1900	500	+0	-20	-90	-110	-55	+3.3	20	
SLX-2550-XX	2350-2550	1000	+7	-15	-90	-105	-55	+5	65	
SLX-3800-XX	3800	na	+3	-15	-85	-105	-55	+5	50	
SLX-4200-XX	3700-4200	1000	+0	-10	-70	-90	-60	+5	20	
SLX-4850-XX	4850	na	+0	-10	-80	-90	-55	+3.3	20	

Phase Noise



Package



PIN OUT TABLE

PIN	FUNCTION
1	LOCK
2	ENABLE
3	DATA
4	CLOCK
5	REF IN
6	RF OUT
7	A-Vcc
8	GND
9	GND
10	D-Vcc

ALL OTHER PINS ARE GROUND

Note: All dimensions are in inches, unless otherwise specified

*Drawing not to scale