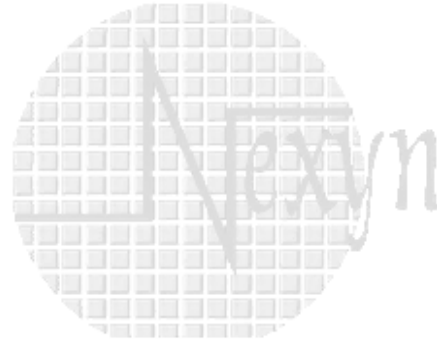


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 Customer: Sogo Electronics  
 Customer Ref. Number: NX-0196AD01  
 Nexyn Quote Number: 200702384  
 Nexyn Part Number: NXPLoS-I-0985-02384  
 Outline Drawing: DC200324



Date: 04/05/2007

Descriptions	Specifications @ 25 C
1) Output Frequency:	9.850 GHz
2) Frequency Accuracy over temp:	< +/- 1E-8
3) Output Power (over temp):	> + 14 dBm
4) Power Variation (over temp):	< 2 dB
5) Pulling (1.5:1 VSWR):	(will not break lock)
6) Discrete spurious:	< - 75 dBc
7) Harmonics:	< - 15 dBc
8) Phase Noise*:	
@ 1 Hz:	< - 40 dBc/Hz guaranteed (- 52 dBc typical)
@ 10 Hz:	< - 75 dBc/Hz guaranteed (- 79 dBc typical)
@ 100 Hz:	< - 86 dBc/Hz guaranteed (- 91 dBc typical)
@ 1 KHz:	< - 107 dBc/Hz guaranteed (- 113 dBc typical)
@ 10 KHz:	< - 115 dBc/Hz guaranteed (- 123 dBc typical)
@ 100 KHz:	< - 120 dBc/Hz guaranteed (- 126 dBc typical)
@ 1 MHz:	< - 140 dBc/Hz guaranteed (- 145 dBc typical)
9) Operating Temperature:	0 to + 50 °C (baseplate)
10) Power supply:	+ 12 +/- 0.6 VDC, 800 mA steady state, 1000 mA surge
11) Phase lock Alarm:	open collector: Locked = Gnd, Unlocked = Open
12) RF Connectors:	SMA female (2 Places)
13) Size:	3" X 8" X 2" (excluding connectors and mount)

**Please note:**

\* Test data includes phase noise plot covering 10 Hz to 1 MHz. This data is measured on pairs of units and requires a 2 unit minimum order.