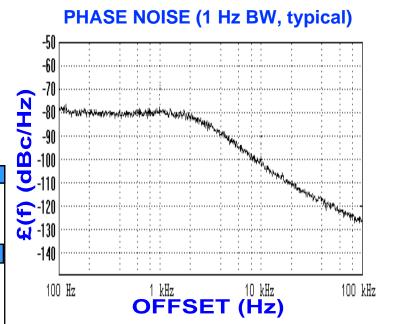
Unknown container object

FEATURES

- Frequency Range: 988 1028 MHz
- Step Size: 1000 KHz
- PLL Style Package

APPLICATIONS

- Basestations
- Mobile Radios
- Satellite Communications



Catemia Communications		
PERFORMANCE SPECIFICATIONS	VALUE	UNITS
Frequency Range	988 - 1028	MHz
Phase Noise @ 10 kHz offset (1 Hz BW, typ.)	-101	dBc/Hz
Harmonic Suppression (2nd, typ.)	-20	dBc
Sideband Spurs (typ.)	-70	dBc
Power Output	0.5±2.5	dBm
Load Impedance	50	Ω
Step Size	1000	KHz
Charge Pump Output Current	250	μА
Switching Speed (typ., adjacent channel)	2	mSec
Startup Lock Time (typ.)	5	mSec
Operating Temperature Range	-40 to +85	°C
Package Style	PLL	
POWER SUPPLY REQUIREMENTS		
Supply Voltage (Vcc, nom.)	5	Vdc
Supply Current (Icc, typ.)	32	mA

All specifications are typical unless otherwise noted and subject to change without notice.

APPLICATION NOTES

• AN-107: How to Solder Z-COMM VCOs / PLLs

• AN-200 : Mounting and Grounding of Z-COMM PLLs

• AN-201 : PLL Fundamentals AN-202 : PLL Functional Description

NOTES:

Reference Oscillator Signal: 5 MHz<f_{osc}<40 MHz

Frequency Synthesizer: National Semiconductor - LMX2316

