

Specifications

Frequency	100.0 MHz to 800.0 MHz		
Output	LVDS		
Supply Voltage	+3.3 VDC \pm 5%		
Supply Current	< 100mA		
Symmetry	50% \pm 10%		
Load	100 ohms		
Temp Stability	Temp Range	Tolerance	Option
	-40 to +85°C	\pm 10.0ppM	T15
	-40 to +85°C	\pm 1.0ppM	T16
	-40 to +85°C	\pm 0.5ppM	T57
Reflow Shift	<2.0ppM following a 48 hr settling time		
Aging	<1 ppM/yr; <5ppM over 10 years		
Freq Adjust	\pm 5ppM typ via 0 to +3.3V control V, positive slope; or no adjust		
Phase Noise (typ @ 800MHz)	Offset	dBc/Hz (static)	
	10Hz	-50	
	100Hz	-80	
	1kHz	-100	
	10kHz	-110	
	100kHz	-110	

Environmentals this part can be screened to MIL-PRF-55310, Class B, except for seal test

Applications

- Cellular Base Stations
- Land Mobile Radio
- Wireless Local Loop
- Microwave Communication Equipment
- GPS Timing / Synchronization
- Automatic meter reading
- Test and Measurement Equipment

Pad Connections

- 1 - EFC or N/C
- 2 - N/C or V_{REF} or Tristate
- 3 - 0 V & Case Gnd
- 4 - Output +
- 5 - Output -
- 6 - VSupply

(Mounting pads are gold plated)

