

14 PIN DIP HCMOS TCXO

SPECIFICATIONS		ATV561	
Center Frequency (Fo)		16 to 20 MHz	
Frequency Stability (Vcc=5.00V , Vcontrol=2.5V)			
vs Temperature		±2.0ppm	
vs Calibration @ 25°C		±1.5ppm	
vs Aging for 10 yrs		±2.0ppm	
Temperature Range		-40°C to +85°C	
Supply Voltage		+5Vdc ±5%	
Supply Current		20mA Maximum	
Output		HCMOS/TTL Squarewave	
Waveform		15pF	
Load		4.5V Minimum	
Voltage		0.4V Maximum	
Voh		-4.0mA	
Vol		4.0mA	
Current		40/60 Maximum	
loh		6nS Maximum	
lol		5pS RMS Maximum	
Duty Cycle		-135dBc/Hz at 10 KHz offset , Typical	
Rise/Fall Time			
Jitter			
Phase Noise			
Frequency Control			
Vcontrol (Pin 1)		0.5 to 4.5Vdc	
Deviation @25°C (Relative to Fo)		±28ppm Minimum	
Slope		Positive	
Linearity of Freq Adjust		±10% Maximum	
Input Impedance to Pin 1		10K Ohms Minimum	
Start Up Time		10mS Maximum	
Package		All metal, hermetically sealed, welded package	

