

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	Waveform		HCMOS/TTL Squarewave
	Load		15pF
	Voltage	Voh	4.5V Minimum
		Vol	0.4V Maximum
	Current	Ioh	−4.0mA
		Iol	4.0mA
	Duty Cycle		40/60 Maximum
	Rise/Fall Time		6nS Maximum
	Jitter		5pS RMS Maximum
	Phase Noise		−135dBc/Hz at 10 KHz offset , Typical
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

