

**3 VOLT LOGIC CLOCK OSCILLATORS**

SPECIFICATIONS	A54AA	A54RA	
Frequency Range	13MHz to 80MHz		
Frequency Stability	±20ppm		
	(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, 10yr aging, shock and vibration)		
Temperature Range	0°C to +70°C		
Output	Waveform CMOS Squarewave , TTL Compatible		
	Load 50pF Maximum		
	Voltage	Voh Vcc - .5V Minimum	
		Vol .44V Maximum	
	Current	Ioh -24mA	
		Iol 24mA	
	Duty Cycle 45/55 Maximum Measured at 2V		
Rise/Fall Time 1nS Typical , 3nS Maximum			
Jitter 5pS RMS Maximum			
Input	Enable/Disable	N/A	Pin 1
	Output Enable/Disable Time	N/A	100nS
	Enable Vih	N/A	2.1V Minimum
	Disable	N/A	0.8V Maximum
Oscillator output is enabled with no connection on pin 1			
Start Up Time	10mS Maximum		
Supply Voltage	3Vdc Minimum , 6Vdc Maximum		
Supply Current	50mA Maximum @ 3Vdc		
Package	All metal, hermetically sealed, welded package		

