

14 PIN DIP ADVANCED CMOS

SPECIFICATIONS	AC51	AC52	AC53	AC54
Frequency Range	10MHz to 150MHz			
Frequency Stability	±25ppm	±50ppm	±100ppm	±20ppm
	(Inclusive of calibration tolerance at 25°C and operating temperature range)			
Temperature Range	0°C to +70°C			
Output	Waveform	CMOS Squarewave , TTL Compatible		
	Load	50pF		
	Voltage	Voh	4.4V Minimum	
		Vol	0.44V Maximum	
	Current	Ioh	-24mA	
		Iol	24mA Maximum	
	Duty Cycle	45/55 Maximum		
	Rise/Fall Time	1ns Maximum (measured from .5 to 2.4V)		
SSB Phase Noise (Typical)	-40dBc/Hz @ 10Hz , -85dBc/Hz @ 100Hz -120dBc/Hz @ 1KHz , -140dBc/Hz @ 10KHz -145dBc/Hz @ 100KHz , -145dBc/Hz @ 1MHz			
Start Up Time	10mS Maximum			
Supply Voltage	+5Vdc ±5%			
Supply Current	100mA Maximum			
Package	All metal, hermetically sealed, welded package			

WARNING! Do not insert oscillator into a hot circuit. Failure to comply will result in damage to oscillator.

