

**3.3V, 14 PIN DIP HCMOS ENABLE/DISABLE**

SPECIFICATIONS	HC51RA	HC52RA	HC53RA	HC54RA	
Frequency Range	1MHz to 90MHz				
Frequency Stability	±25ppm	±50ppm	±100ppm	±20ppm	
	(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging, shock and vibration)				
Temperature Range	0°C to +70°C				
Output	Waveform	HCMOS Squarewave			
	Load	15pF			
	Voltage	Voh	Vcc - 0.5V Minimum		
		Vol	0.4V Maximum		
	Current	Ioh	-8mA		
		Iol	8mA		
	Duty Cycle	45/55 Maximum			
Rise/Fall Time	3nS				
Input	Output E/D Time	100nS Maximum			
	Enable (Vih)	2.0V Minimum			
	Disable (Vil)	0.5V Maximum			
	Oscillator output is enabled with no connection on pin 1				
Start Up Time	10mS Maximum				
Supply Voltage	+3.3Vdc ±0.3Vdc				
Supply Current	30mA Maximum				
Package	All metal, hermetically sealed, welded package				

