

HCMOS/TTL COMPATIBLE TRI-STATE OUTPUT

SPECIFICATIONS	JHC13R8R	JHC14R8R	JHC15R8R	JHC16R8R	
Frequency Range	1MHz to 70MHz				
Frequency Stability	±25ppm	±50ppm	±100ppm	±100ppm	
	(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	0°C to +70°C	0°C to +70°C	-40°C to +85°C	
Output	Waveform	HCMOS or TTL Compatible Squarewave			
	Load	HCMOS-50pF , TTL-10TTL			
	Voltage	Voh	4.5V Minimum		
		Vol	0.5V Maximum		
	Current	Ioh	-16mA		
		Iol	16mA		
	Duty Cycle	45/55 Maximum Measured at 50% level			
	Rise/Fall Time	7nS Maximum , 4nS Typical			
Input	Output E/D Time	100nS Typical			
	Enable (Vih)	2.2V Minimum			
	Disable (Vil)	0.8V Maximum			
	Oscillator output is enabled with no connection on pin 1				
Start Up Time	10mS Maximum , 3mS Typical				
Supply Voltage	+5Vdc ±10%				
Supply Current	1 to 25M	25mA Maximum			
	25 to 50M	45mA Maximum			
	50 to 70M	60ma Maximum			
Package	All metal, hermetically sealed, welded package				

