

**SURFACE MOUNT 8 PIN DIP HCMOS**

SPECIFICATIONS	JH54R	JH64R		
Frequency Range	1.8432MHz to 70MHz			
Frequency Stability	±20ppm			
	(Inclusive of calibration tolerance at 25°C, operating temperature range, input voltage change, load change, aging for 10 years, shock & vibration)			
Temperature Range	0°C to +70°C	-40°C to +85°C		
Storage Temperature Range	-55°C to +125°C			
Output	Waveform	HCMOS or TTL/10LSTTL Compatible Squarewave		
	Load	50pF		
	Voltage	Voh	4.5V Minimum	
		Vol	0.5V Maximum	
	Current	Ioh	-16mA	
		Iol	16mA	
	Duty Cycle	45/55 Maximum		
	Rise/Fall Time	7nS Maximum		
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			
Supply Voltage	+5Vdc ±10%			
Supply Current (at 25°C)	70mA Maximum			
Package	All metal, hermetically sealed, welded package			

