

3.3 VOLT ACMOS CLOCK OSCILLATORS

SPECIFICATIONS		ASM53LV	
Frequency Range		80MHz to 125MHz	
Frequency Stability		±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	
Output	Waveform	CMOS Squarewave , TTL Compatible	
	Load	15pF Maximum	
	Voltage	Voh	2.4V Minimum
		Vol	0.44V Maximum
	Current	Ioh	-4mA
		Iol	4mA
	Duty Cycle	45/55 Maximum measured at 1.5Vdc	
Rise/Fall Time	1nS Typical , 3nS Maximum		
Jitter	10pS RMS Maximum		
Start Up Time		10mS Maximum	
Supply Voltage		3.3Vdc ±0.3Vdc	
Supply Current		25mA Maximum	
Package		Hermetically sealed, leadless ceramic package	

