



SPECIFICATIONS

Series Number	QSMO-2910 ⁽¹⁾	QSMO-2950 ⁽¹⁾	QSMO-2960 ⁽¹⁾
Frequency Range	10.0 to 160 MHz		
Overall Frequency Stability (Max) ⁽¹⁾	L = ±5ppm -40° to 85° M = ±10ppm -40° to 85° N = ±15ppm -40° to 85° H = ±20ppm -40° to 85°		
Storage Temperature Range	-50°C to +125°C		
Supply Voltage	+3.3V ±5%	+1.8V ±5%	+2.5V ±5%
Supply Current (Max)	10 ~ 80 MHz 11mA >80 ~ 160 MHz 20mA		
Standby Current	At '0' Level at #1	10µA	
Output Voltage	"0" Level (Max) "1" Level (Min)	0.1V 0.9V	
Output Load (Max)	CMOS Load	15pF	
Rise/Fall Times (Max)	At 0.1V _{DD} ~ 0.9V _{DD}	6ns (≤40 MHz) 3ns (>40 MHz)	
Symmetry (Max)	At 0.5V _{DD} or 1.4V	45% / 55%	
Start-Up Time (Max)		5ms	
Tri-State Control	#1 Open #1 ≥0.7V _{DD} #1 ≤0.3V _{DD}	#3 Active #3 Active #3 High Z	
Phase Jitter	Offset Frequency	1ps (Typical at 20 MHz) 0.3ps (typical at 100 MHz)	

Note (1): Customer to add 'L' to 'H' for Overall Frequency Stability.

Note: The above specifications are typical only. Please contact our Sales Department for specific requirements.

