



SPECIFICATIONS

Series Number	QSMO-6410	QSMO-6420
Frequency Range	6.125 ~ 125 MHz	1.5625 ~ 170 MHz
Overall Frequency Stability (Max)	±50ppm	
Operating Temperature Range	-40°C to +85°C	
Supply Voltage	+3.3V ±10%	
Supply Current (Max)	6.125 ~ 80 MHz 15mA >80 ~ 125 MHz 25mA	1.5625 ~ 80 MHz 15mA >80 ~ 125 MHz 25mA >125 ~ 170 MHz 35mA
Frequency Pullability	±100ppm (V _{cont} = +1.65 ±1.65V)	±80ppm (V _{cont} = +1.65 ±1.65V)
Output Voltage	"0" Level (Max) 0.33V "1" Level (Min) 2.97V	
Output Load (Max)	CMOS Load	15pF
Rise/Fall Times (Max)	At 0.2% ~ 0.8%V _{DD}	5ns
Symmetry (Max)	At 0.5V _{DD}	45% / 55%
Input Impedance	At #1	5MΩ
Phase Jitter (Max)	Offset Frequency	1ps (12 kHz ~ 20 MHz)

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

