



SPECIFICATIONS

Series Number	QSMO-6210 ⁽¹⁾	QSMO-6220 ⁽¹⁾	QSMO-6230 ⁽¹⁾	QSMO-6240 ⁽¹⁾	QSMO-6250 ⁽¹⁾
Frequency Range	1.0 ~ 52.0 MHz				
Overall Frequency Stability (Max)	±25ppm	±50ppm	±25ppm	±50ppm	±100ppm
Frequency Pullability (Min)	±50ppm		±100ppm		
Operating Temperature Range	-20°C to +70°C // -40°C to +90°C (T) ⁽¹⁾				
Supply Voltage	+3.3V ±5%				
Control Voltage	+1.65V ±1.5V				
Supply Current (Max)			1.0 ~ 30 MHz >30 ~ 52 MHz	15mA 25mA	
Output Voltage	"0" Level (Max) "1" Level (Min)			0.33V 2.97V	
Output Load (Max)	CMOS Load		15pF		
Rise/Fall Times (Max)	At 0.5V _{DD} ~ 0.9V _{DD}		5ns		
Symmetry (Max)	At 0.5V _{DD}		40% / 60%		
Start-Up Time (Max)	10ms				
Tri-State Control	#2 or #5 Open #1 ≥0.7V _{DD} #1 ≤0.3V _{DD}			#4 Active T series at #2 #4 Active #4 High Z N series at #5	
Linearity (Max)	Vcont = 0.5 ~ 4.5V		±10%		

Note (1): Customer to add 'T' to part number for *Operating Temperature Range* to indicate optional temperature range.

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

