



SPECIFICATIONS

Series Number	QSMO-6510 ⁽¹⁾	QSMO-6530 ⁽¹⁾	QSMO-6550 ⁽¹⁾	QSMO-6560 ⁽¹⁾	
Frequency Range	1.25 ~ 125 MHz	1.0 ~ 90.0 MHz	1.25 ~ 100 MHz		
Overall Frequency Stability (Max) ⁽¹⁾	A = ±25ppm 0° to 70° B = ±50ppm 0° to 70° C = ±100ppm 0° to 70° D = ±10ppm 0° to 70°		E = ±25ppm -40° to 85° F = ±50ppm -40° to 85° G = ±100ppm -40° to 85° H = ±20ppm -40° to 85°		
Frequency Pullability (Min) Control Voltage Ranges	±100ppm (V _{cont} = +1.65 ±1.5V)	±100ppm (V _{cont} = +2.5 ±2.0V)	±100ppm (V _{cont} = +0.9 ±0.85V)	±100ppm (V _{cont} = +1.4 ±1.35V)	
Supply Voltage	+3.3V ±5%	+5.0V ±5%	+1.8V ±5%	+2.8V ±5%	
Output Voltage	"0" Level (Max) "1" Level (Min)	0.33V 2.97V	0.5V 4.5V	0.18V 1.62V	0.28V 2.52V
Output Load (Max) CMOS Load	15pF				
Rise/Fall Times (Max) At 0.2V _{DD} ~ 0.8V _{DD}	5ns				
Symmetry (Max) At 0.5V _{DD}	40% / 60%				
Start-Up Time (Max)	10ms				
Linearity (Max)	±10%				

Note (1): Customer to add 'A' to 'D' or 'E' to 'H' for Overall Frequency Stability.

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

