



Series Number	QSMO-4810__ ⁽¹⁾	QSMO-4830__ ⁽¹⁾	QSMO-4850__ ⁽¹⁾	QSMO-4860__ ⁽¹⁾
Frequency Range	32.768 kHz			
Overall Frequency Stability (Max) ⁽¹⁾	F = ±50ppm -40° to 85° P = ±100ppm -40° to 125°			
Storage Temperature Range	-40°C to +125°C			
Supply Voltage	+3.3V ±10%	+5.0V ±10%	+1.8V ±5%	+2.5V ±5%
Supply Current (Max)	260µA 2.8 ≤ V _{DD} ≤ 3.63V	280µA 3.63 ≤ V _{DD} ≤ 5.5V	240µA 1.6 ≤ V _{DD} ≤ 2.0V	252µA 2.0 ≤ V _{DD} ≤ 2.8V
Standby Current	At '0' Level at #1	20µA		
Output Voltage	"0" Level (Max) "1" Level (Min)	0.1V _{DD} 0.9V _{DD}		
Output Load (Max)	TTL / CMOS Load	15pF		
Rise/Fall Times (Max)	At 0.1V _{DD} ~ 0.9V _{DD}	50ns		
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		

Note (1): Customer to add 'F' or 'P' for Overall Frequency Stability.

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

