



Part Number	QSMO-3110 ⁽¹⁾	QSMO-3150 ⁽¹⁾	QSMO-3160 ⁽¹⁾
Frequency Range	1.0 to 200 MHz	1.0 to 133 MHz	1.0 to 166 MHz
Overall Frequency Stability (Max) ⁽¹⁾ over Operating Temperature Range	B = ±50ppm -20° to 70° C = ±100ppm -20° to 70°		
Supply Voltage	+3.3V ±10%	+1.8V ±5%	+2.5V ±5%
Supply Current (Max)	1.0 ~ 50 MHz 10mA >50 ~ 100 MHz 15mA >100 ~ 200 MHz 15mA	1.0 ~ 50 MHz 10mA >50 ~ 133 MHz 15mA	1.0 ~ 50 MHz 12mA >50 ~ 100 MHz 15mA >100 ~ 166 MHz 20mA
Standby Current	At '0' Level at #1	10µA	
Output Voltage	"0" Level (Max) "1" Level (Min)	0.33V 2.97V	0.18V 1.62V
Output Load (Max)	CMOS Load	15pF	
Output Voltage	"0" Level (Max) "1" Level (Min)	4mA 4mA	
Rise/Fall Times (Max)	At 0.1V _{DD} ~ 0.9V _{DD}	5ns	
Symmetry (Max)	At 0.5V _{DD}	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 'B' or 'C' to the part number for Overall Frequency Stability.



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