



SPECIFICATION		
SERIES NUMBER	QSMO-4610	QSMO-4620
INPUT CURRENT (Max)	1.8 ~ 50 MHz 20mA	1.8 ~ 50 MHz 45mA
OVERALL FREQUENCY ACCURACY (Max)	±100ppm	
OPERATING TEMPERATURE RANGE	-10°C to +70°C	
SUPPLY VOLTAGE	3.3 Volts ±10%	5.0 Volts ±10%
OUTPUT CURRENT	"0" Level (Min) 2.0mA "1" Level (Min) 2.0mA	16.0mA 16.0mA
OUTPUT VOLTAGE	"0" Level (Max) 0.33 Volts "1" Level (Min) 2.97 Volts	0.5 Volts 4.5 Volts
OUTPUT LOAD	TTL Load (Max) 10LS TTL CMOS Load (Max) 15pF	10N TTL 50pF
RISE/FALL TIMES At 0.1V _{DD} ~ 0.9V _{DD} (Max)	7nSec.	
SYMMETRY At 0.5V _{DD}	40% ~ 60%	
START-UP TIME (Max)	10mSec.	
E/D FUNCTION	#1 Open #1 2.2v or 0.7V _{DD} #1 0.8v or 0.3V _{DD}	#3 Active #3 Active #3 High Z
STAND-BY CURRENT (Max)	10mA	N/A