



SPECIFICATION

SERIES NUMBER	QSMO-6210	QSMO-6220	QSMO-6230	QSMO-6240	QSMO-6250
NOMINAL FREQUENCY	1.0 ~ 45MHz				
OVERALL FREQUENCY STABILITY (Max)	±25ppm	±50ppm	±25ppm	±50ppm	±100ppm
FREQUENCY PULLABILITY (Min)	±50ppm		±100ppm		
OPERATING TEMPERATURE	-10°C ~ +70°C				
SYMMETRY (Max) (AT 0.5 V _{DD})	40/60%				
SUPPLY VOLTAGE	+3.3V ±0.3V				
CONTROL VOLTAGE	+1.65V ±1.5V				
SUPPLY CURRENT (Max)			1.0 ~ 30MHz	15mA	
			>30 ~ 45MHz	25mA	
OUTPUT VOLTAGE "0" Level (Max) "1" Level (Min)			0.33 VOLTS 2.97 VOLTS		
RISE/FALL TIMES (Max) (AT 0.2 V _{DD} ~ 0.8V _{DD})	5nSEC				
E/D FUNCTION	#2 or #5 Open #2 or #5 >=2.7V #2 or #5 <=0.3V		#4 Active #4 Active #4 High Z	T series at #2 N series at #5	
OUTPUT LOAD (Max) CMOS Load	15pF				
START-UP TIME (Max) (1.0 ~ 45MHz)	10mSEC				
LINEARITY (Max) Vcont = 0.15 ~ 3.15V	±10%				