



SPECIFICATION					
SERIES NUMBER	QSMO-6110	QSMO-6120	QSMO-6130	QSMO-6140	QSMO-6150
NOMINAL FREQUENCY	1.0 ~ 52MHz				
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 <sub>DD</sub> )	40/60%				
SUPPLY VOLTAGE	+5.0V ±5%				
CONTROL VOLTAGE	+2.5V ±2V				
SUPPLY CURRENT (Max)	1.0 ~ 18MHz 20mA >18 ~ 36MHz 30mA >36 ~ 52MHz 40mA				
OUTPUT VOLTAGE "0" Level (Max) "1" Level (Min)	0.5 VOLTS 4.5 VOLTS				
RISE/FALL TIMES (Max) (AT 0.5 V <sub>DD</sub> ~ 0.9V <sub>DD</sub> )	5nSEC				
E/D FUNCTION #2 or #5 Open #2 or #5 >=2.2V #2 or #5 <=0.8V			#4 Active #4 Active #4 High Z	T series at #2 N series at #5	
OUTPUT LOAD (Max) TTL Load CMOS Load	10N TTL 15pF				
START-UP TIME (Max)	10mSEC				
LINEARITY (Max) Vcont = 0.5 ~ 4.5V	±10%				