



		SPECIFICATION	
		QSMO-6310	QSMO-6300
OVERALL FREQUENCY STABILITY (Max)		B = ±50ppm	C = ±100ppm
FREQUENCY PULLABILITY (Min)		±100ppm (V <sub>count</sub> = +1.65 ±1.5V)	±100ppm (V <sub>count</sub> = +2.5 ±2.0V)
OPERATING TEMPERATURE		-10°C ~ +70°C	
SYMMETRY (Max)	(AT 0.5 V <sub>DD</sub> )	40 / 60%	
SUPPLY VOLTAGE		+3.3V ±5%	+5.0V ±5%
SUPPLY CURRENT (Max)		2.0 ~ 30MHz >30 ~ 52MHz	15mA 25mA
OUTPUT VOLTAGE	"0" Level (Max) "1" Level (Min)	0.33 VOLTS 2.97 VOLTS	0.5 VOLTS 4.5 VOLTS
RISE/FALL TIMES (Max)	(AT 0.2 V <sub>DD</sub> ~ 0.8V <sub>DD</sub> )	5nSEC	
E/D FUNCTION	#6 Open #6 >=0.7V <sub>DD</sub> #6 <=0.3V <sub>DD</sub>	#4 Active #4 Active #4 High Z	
OUTPUT LOAD (Max)	CMOS Load	15pF	
START-UP TIME (Max)		10mSEC	
LINEARITY (Max)		±10%	