



SPECIFICATION				
SERIES NUMBER	TRI-STATE TYPE	QSMO-4310A	QSMO-4320A	QSMO-4330A
	NON-TRI-STATE TYPE	QSMO-4310B	QSMO-4320B	QSMO-4330B
NOMINAL FREQUENCY		1 to 50 MHz	1 to 70 MHz	
OVERALL FREQUENCY ACCURACY		±100ppm, ±50ppm, ±25ppm		
OPERATING TEMPERATURE RANGE		0°C to +70°C		
STORAGE TEMPERATURE RANGE		-50°C to +125°C		
SUPPLY VOLTAGE		5.0 ±0.5 VOLTS		
SUPPLY CURRENT	1.0 MHz to 26 MHz	15 mA MAX		
	26 MHz to 50 MHz	30 mA MAX		
	50 MHz to 70 MHz	38 mA MAX		
OUTPUT VOLTAGE	VOH	2.4V MIN / V _{DD} -0.5V MIN	2.4 V MIN	V _{DD} -0.5 V MIN
	VOL	0.4 V MAX	0.4 V MAX	0.4 V MAX
OUTPUT LOAD	1 MHz to 50 MHz	10TTL / 50pF	10 TTL	50 pF
	50 MHz to 70 MHz	N/A	5 TTL	30 pF
RISE/FALL TIMES	1.0 MHz to 40 MHz	8 nSEC MAX		
	40 MHz to 70 MHz	6 nSEC MAX		
SYMMETRY		40% to 60%		
TRI-STATE CONTROL ('A' SERIES ONLY)	VIH (OUTPUT ENABLED)	2.0 V MAX		
	VOH (OUTPUT HIGH IMPEDANCE)	0.8 V MIN		
PROPAGATION DELAY	TRI-STATE TO OUTPUT	100 nSEC MAX		