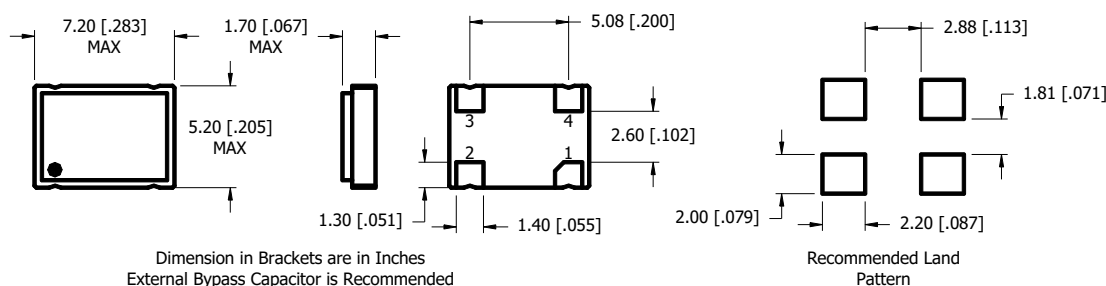


Frequency	32.768KHz
Output Level	HCMOS
Duty Cycle	40% / 60%
Rise/ Fall Time	250nSec
Output Load	15pF or 10TTL
Stability: Overall Frequency Stability	See Part Number Guide Below for Options
Start-up Time	8mS max
Tri-State Operation	Voh = 70% of Vdd min to Enable Output Vol = 30% max or grounded to Disable Output (High Impedance)
Supply: Voltage	See Part Number Guide Below for Options
Current	7 mA Max
Temperature: Operating	See Part Number Guide Below for Options
Storage	-55°C to +125°C
Logic "0"	10% Vdd max
Logic "1"	90% Vdd min

Part Number Guide		Sample Part #:		QTO-3ASA1T-32.768			
	Supply Voltage	Operating Temp	Symmetry (Duty Cycle)	Output	Stability (in ppm)	Tristate (Standby)	Frequency
QTO	3 = 3.3V	A = 0°C ~ +70°C	S = 40/60 max	A = 15pF HCMOS / 10TTL	1 = ±100	T = Tristate	32.768KHz
	2 = 2.8V	C = -20° ~ +70°C			2 = ±50		
		E = -40°C ~ +85°C			3 = ±25		
					4 = ±20*	* = not available for all temp ranges	

NOTE: A bypass capacitor is recommended between Vcc (pin 4) and Gnd (pin 2) to minimize power supply noise



Pin Connections	
Pin 1	Tri-state
Pin 2	Case Ground
Pin 3	Output
Pin 4	Supply Voltage

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Specifications subject to change without notice.