

Base Part Number	Output Freq.	Frequency Stability (ppm)	Supply Volt. (V)	Supply Current (Typical)	Packages (mm)	Output Logic	TMII* Support
<b>Ultra-Small 32 kHz Solutions   XTAL Replacements</b>							
TQC1532	32.768 kHz	10 room; 75, 100 over temp.	1.2 to 3.63	0.90 µA	1.5x0.8x0.55H (CSP), 2.0x1.2x0.6H (QFN)	NanoDrive™. LVCMOS	
TQC1552 TCXO	32.768 kHz	±5, ±10, ±20 over temp.	1.5 to 3.63	0.99 µA	1.5x0.8x0.55H (CSP)	NanoDrive™. LVCMOS	
<b>µPower Oscillators   1 to 280 µA power consumption, ultra small size</b>							
TQC1630	32.768 kHz	20 room; 75,100,150 over temp	1.5 to 3.63	1.00 µA	2.0x1.2x0.6H (QFN)	LVCMOS	
<b>Low-Power Oscillators   3.1 to 5.5 mA power consumption</b>							
TQC8008B	1 to 110 MHz	±20, ±25, ±50	1.8, 2.5 to 3.3	3.1 to 5.5 mA (0.6 - 1.0 µA stby)	2.0x1.6, 2.5x2.0, 3.2x2.5,(DFN)	LVCMOS	✓
TQC8009B	115.000001 to 137 MHz	±20, ±25, ±50	1.8, 2.5 to 3.3	3.1 to 5.5 mA (0.6 - 1.0 µA stby)	2.0x1.6, 2.5x2.0, 3.2x2.5,(DFN)	LVCMOS	✓
<b>Ultra-Performance Oscillators   0.3 to 0.6 ps RMS integrated phase jitter</b>							
TQC8208	1 to 80 MHz	±10, ±20, ±25, ±50	1.8, 2.5 to 3.3	29 to 36 mA (10 µA stby)	2.5x2.0, 3.2x2.5, (DFN)	LVCMOS	✓
TQC8209	80.000001 to 220 MHz	±10, ±20, ±25, ±50	1.8, 2.5 to 3.3	29 to 36 mA (10 µA stby)	2.5x2.0, 3.2x2.5, (DFN)	LVCMOS	✓
TQC9120	25 to 212.5 MHz	±10, ±20, ±25, ±50	2.5 to 3.3	54 to 69 mA	3.2x2.5, (DFN)	LVPECL, LVDS	✓
TQC9121	1 to 220 MHz	±10, ±20, ±25, ±50	2.5 to 3.3	54 to 69 mA	3.2x2.5, (DFN)	LVPECL, LVDS	✓
TQC9122	220.000001 to 625 MHz	±10, ±20, ±25, ±50	2.5 to 3.3	54 to 69 mA	3.2x2.5, (DFN)	LVPECL, LVDS	✓
<b>High-Temperature Oscillators   +125°C operating temperature, 0.1 ppb/g (G-senTQCivity)</b>							
TQC8918B -40 to +125°C	1 to 110 MHz	±20, ±25, ±30, ±50	1.8, 2.5 to 3.3	3.6 to 5.4 mA (1.0 µA stby)	2.0x1.6, 2.5x2.0, 3.2x2.5,(DFN)	LVCMOS	✓
TQC8919B -40 to +125°C	115.194001 to 137 MHz	±20, ±25, ±30, ±50	1.8, 2.5 to 3.3	3.6 to 5.4 mA (1.0 µA stby)	2.0x1.6, 2.5x2.0, 3.2x2.5,(DFN)	LVCMOS	✓
TQC8920B -55 to +125°C	1 to 110 MHz	±20, ±25, ±50	1.8, 2.5 to 3.3	3.1 to 5.5 mA (0.6 - 1.0 µA stby)	2.0x1.6, 2.5x2.0, 3.2x2.5, (DFN)	LVCMOS	✓
<b>Spread Spectrum Oscillators   ±0.25 to ±2% center spread, -0.5% to 4.0% down spread</b>							
TQC9003	1 to 110 MHz	±25, ±50, ±100	1.8, 2.5, 3.3	3.7 to 20 mA (0.4 to 30 µA stby)	2.5x2.0, 3.2x2.5,(DFN)	LVCMOS	✓
<b>Low Power SOT23-5 Oscillators   3.1 to 5.5 mA power consumption</b>							
TQC2001B	1 to 110 MHz	±20, ±25, ±50	1.8, 2.5 to 3.3	3.6 to 5.4 mA (1.0 µA stby)	2.9 x 2.8 (SOT23-5)	1 x LVCMOS	✓
TQC2002B	115to 137 MHz	±20, ±25, ±50	1.8, 2.5 to 3.3	3.6 to 5.4 mA (1.0 µA stby)	2.9 x 2.8 (SOT23-5)	1 x LVCMOS	✓
<b>High-Temp Oscillators   +125°C, integrated resonator, single output, low power, 0.1 ppb/g</b>							
TQC2018B -40 to +125°C	1 to 110 MHz	±20, ±25, ±30, ±50	1.8, 2.5 to 3.3	3.6 to 5.4 mA (1.0 µA stby)	2.9 x 2.8 (SOT23-5)	1 x LVCMOS	✓
TQC2019B -40 to +125°C	115.194001 to 137 MHz	±20, ±25, ±30, ±50	1.8, 2.5 to 3.3	3.6 to 5.4 mA (1.0 µA stby)	2.9 x 2.8 (SOT23-5)	1 x LVCMOS	✓
TQC2020B -55 to +125°C	1 to 110 MHz	±20, ±25, ±30, ±50	1.8, 2.5 to 3.3	3.6 to 5.4 mA (1.0 µA stby)	2.9 x 2.8 (SOT23-5)	1 x LVCMOS	✓
TQC2021B -55 to +125°C	119.342001 to 137 MHz	±20, ±25, ±30, ±50	1.8, 2.5 to 3.3	3.6 to 5.4 mA (1.0 µA stby)	2.9 x 2.8 (SOT23-5)	1 x LVCMOS	✓

\*Time Machine II Oscillator Programmer.

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