



MEDIA NEWS RELEASE

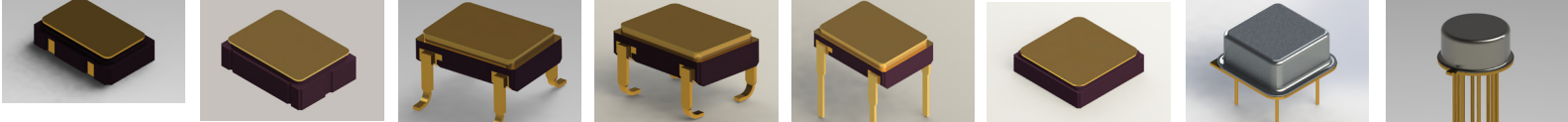
Sales@FrequencyManagement.com

High Reliability
Frequency
Control
Components

714 373 8100

HIGH TEMPERATURE - Oscillators | Crystals | VCXOs | Temperature Sensors | Sensor Drivers

FREQUENCY MANAGEMENT | International



Ruggedized for High Shock, Vibration & Ambient Pressure

As a manufacturer of high reliability crystals and oscillators, FMI offers extensive experience providing optimum frequency and timing components for harsh environment and extreme temperature systems and instrument applications.

HiTemp Low Power Oscillator Series - HLP



5x3.2 mm

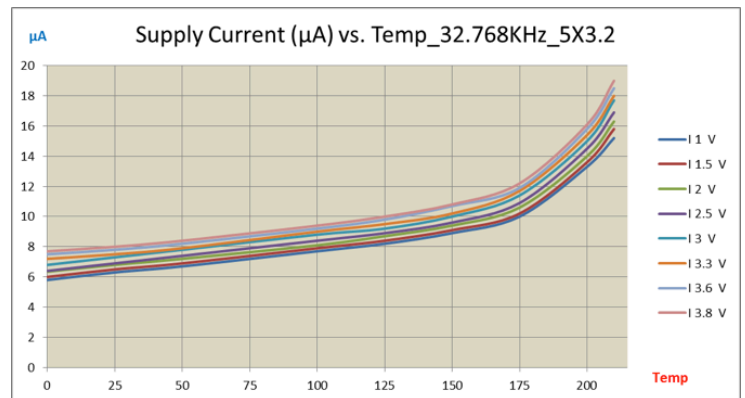
ULTRA LOW POWER

Model #: HLP536-32K768

- 32.768 KHz Crystal Oscillator
- ULTRA Low Power Clock, 3.3V
- 9 μ A at 25°C
- 18 μ A at 200°C
- Tight Stability
- 5x3.2 mm Ceramic SMD

Electrical Performance Specifications

Output Frequency	32.768 KHz
Supply Voltage	1.2V to 3.8V
Operating Temperature Range	-55°C to +200°C
Frequency Stability Over Temperature	\pm 175 ppm, -40°C to +200°C
Output Logic	CMOS, 15 pF Load
Supply Current (3.3V & at \pm 25°C)	9 μ A (<8 μ A in disabled mode)
Supply Current (3.3V & at \pm 200°C)	18 μ A (<8 μ A in disabled mode)
Oscillator Enable	Open or Logic "1"
Storage Temperature	+230°C
Operational Life	1000 Hours at +200°C



**QPL MIL-PRF-55310
MIL-STD-790
ISO 9001-2008
Pb-free | RoHS**

Ask us about our 200°C Low-power RTC with Calendar features and built-in 32.768 KHz Crystal Oscillator.

NEW



FrequencyManagement.com

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