









High End Audiophile Solutions

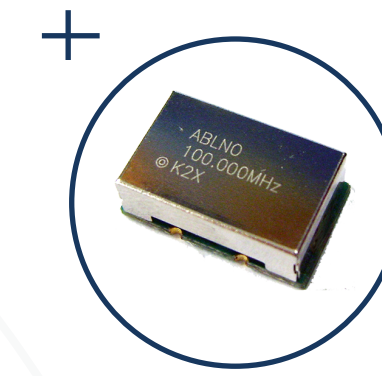
Abrakon offers a broad product line targeting timing, synchronization, power delivery, RF and connectivity needs in professional and consumer audio/video systems. Abrakon solutions are used by any system that captures or plays images or sound.

Timing for Professional Audio and Video

Offering the lowest noise XO/VCXO for pro audio, the highest frequency TCXO, and a low noise programmable XO/VCXO, Abrakon brings a wide variety of timing solutions for pro audio and video applications.

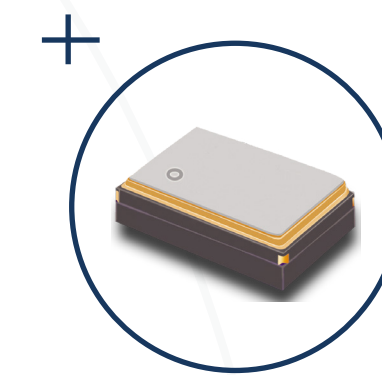
Featured Products for Timing, RF, Connectivity, and Power

IMAGE	SERIES	DESCRIPTION	APPLICATIONS
	ABM8, ABM10, ABM11, ABM12	Compact quartz crystals, up to 80MHz	MCU, video processors, encoders/decoders, audio codecs
	ASB06, ABS07	32.768kHz quartz crystals	Time-keeping, real time clock, MCU
	AB-RTCMC	Real time clock with integrated quartz crystals	Time-keeping
	ABLNO	Ultra-low phase noise and jitter (37fs rms)	Audiophile, professional audio, low noise ADC/DAC
	ASPI	Shielded power inductors	Medium to high power switching supplies
	ARJ, ARJE	10/100BASE-T to 10GBASE-T RJ45 LAN jacks w/integrated magnetics	Set-top boxes, video routers, high speed IP cameras, PoE++
	ACAJ, AMCA	Compact chip antennas	Bluetooth speakers, smart TV, WiFi enabled set-top boxes, wearable audio, VR, drone cameras
	AWCCA	Wireless charging coils	Portable audio, portable speaker, VR, drone cams, bluetooth headphones



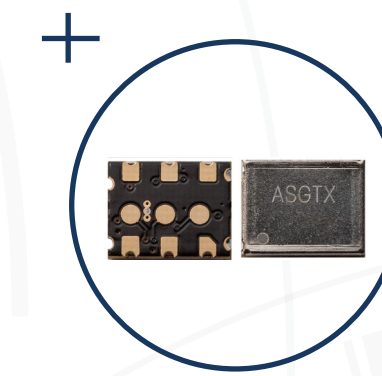
ABLNO

Ultra Low Phase Noise XO / VCXO
37fs rms jitter for high performance audio applications
Package size: 14.3 x 8.7 x 5.5mm
Frequencies: 12.288, 18.432, 24.576, 36.864, 45.1584, 49.152MHz



ASG2

Configurable - High Performance SMD XO & VCXO (LVCMOS Output)
Any frequency LVCMOS and differential
Package size: 2.5 x 2.0 x 1.0 mm
Frequencies: 12.288, 18.432, 24.576, 36.864, 49.152MHz



ASGTX

Configurable High Frequency SMD TCXO/VCTCXO
Any frequency ±1ppm TCXO/VCTCXOs up to 1.5 GHz available
Package size: 9.0 x 7.0 x 2.24 mm
Frequencies: 148.352MHz, 148.5MHz

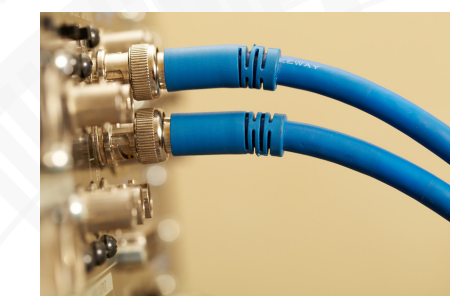
Consumer Audio and Video Quartz Crystals



SAMPLE FREQUENCY (MHZ)	APPLICATION
11.2896, 16.9344, 22.5792, 27.000, 33.8688, 45.1584, 54.000	Consumer CD-DA systems/CD-ROM; Sample rate: 44.1/22.05/11.025kHz
12.288, 18.432, 24.576, 36.864, 49.152	Digital audio systems/High end audio DAT, MiniDisc, AC'97, sound cards; Sample rate: 48kHz
27.000, 28.636, 36.000, 54.000	Consumer video

Applications

Audio/video editing, SDI video capture cards, cinema projectors, surveillance, video conferencing, cameras, and more.



SDI/HD-SDI



Consumer Video and HDMI



Set-top Box



Vision Systems



Virtual Reality



Pro Cameras



Mixers or Routers