

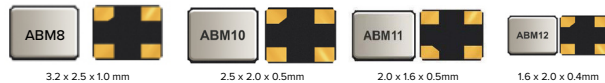
### HIGH END AUDIOPHILE SOLUTIONS

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

### 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

### 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

### 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, Abracon brings a wide variety of timing solutions for pro audio and video applications.

+

**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

### APPLICATIONS

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

