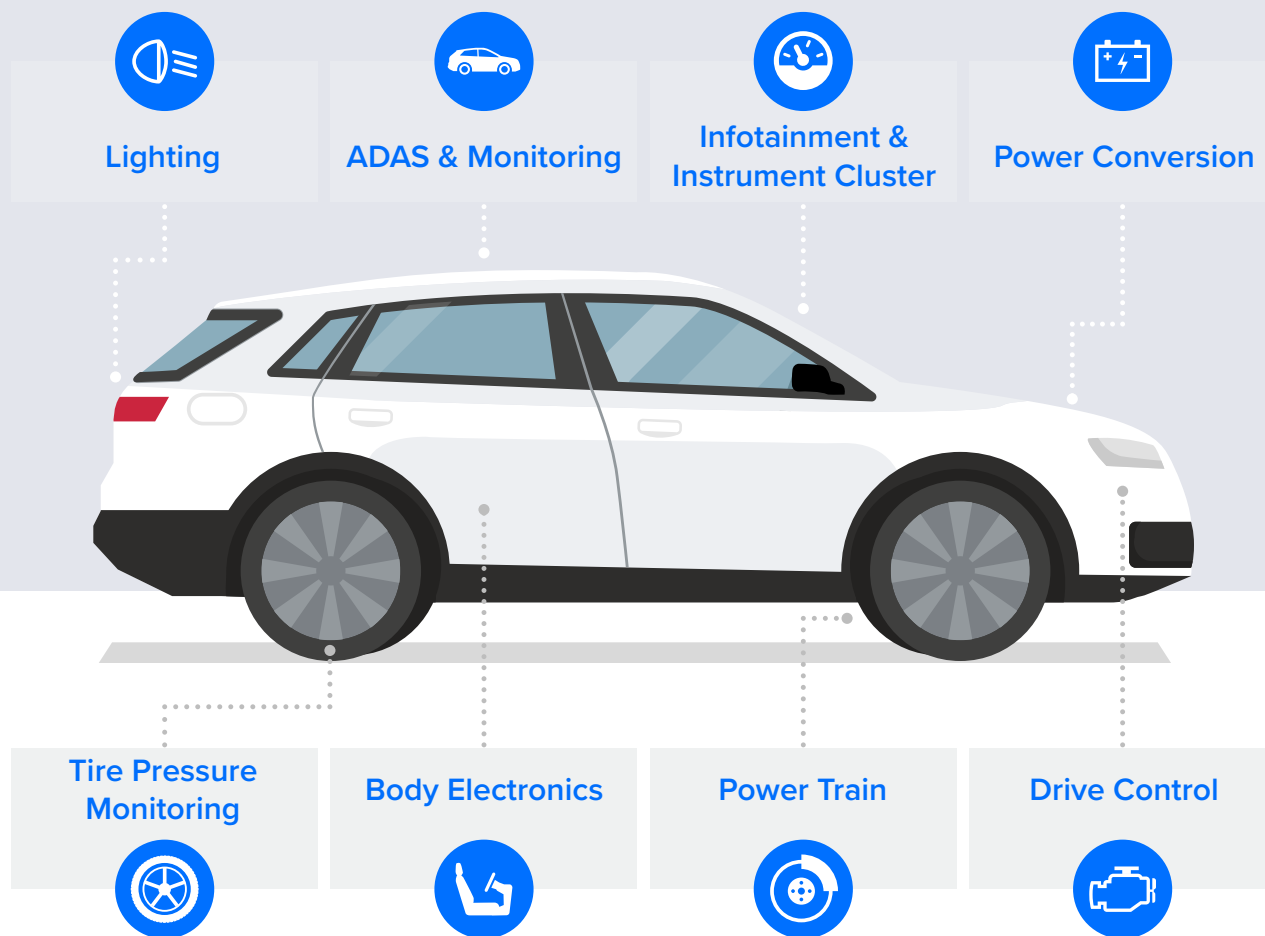




Automotive Grade Quartz Crystals and Oscillators

Applications requiring the highest levels of quality and reliability benefit from our certified IATF 16949 production lines and AEC-Q200 qualified crystals and oscillators. PPAP available upon request.

Brand	Series	Type	Package Size (mm)		Frequency	Widest Available Operating Temperature Range
			L	W		
Automotive Grade Quartz Crystals						
Abrakon	ABM12AIG	XTAL	1.6	1.2	24 to 60 MHz	-40°C to +150°C
Ecliptek	EB1216	XTAL	1.6	1.2	24 to 50 MHz	-40°C to +125°C
ILSI	IXA10	XTAL	1.6	1.2	24 to 50 MHz	-40°C to +125°C
Fox	FK12A	XTAL	2.0	1.2	32.768 kHz	-40°C to +125°C
Abrakon	ABM11AIG	XTAL	2.0	1.6	16 to 60 MHz	-40°C to +150°C
Ecliptek	EB1620	XTAL	2.0	1.6	16 to 60 MHz	-40°C to +125°C
ILSI	IXA12	XTAL	2.0	1.6	16 to 24 MHz	-40°C to +125°C
Fox	FC1BA	XTAL	2.0	1.6	16 to 54 MHz	-55°C to +125°C
Abrakon	ABM10AIG	XTAL	2.5	2.0	12 to 62.5 MHz	-40°C to +150°C
Ecliptek	EB2025	XTAL	2.5	2.0	12 to 54 MHz	-40°C to +125°C
ILSI	IXA14	XTAL	2.5	2.0	12 to 54 MHz	-40°C to +125°C
Fox	FC2BA	XTAL	2.5	2.0	12 to 54 MHz	-55°C to +125°C
Abrakon	ABS07AIG	XTAL	3.2	1.5	32.768 kHz	-40°C to +125°C
Ecliptek	EB8WS	XTAL	3.2	1.5	32.768 kHz	-40°C to +125°C
ILSI	IXA24	XTAL	3.2	1.5	32.768 kHz	-40°C to +125°C

Automotive Grade Quartz Crystals and Oscillators

Brand	Series	Type	Package Size (mm)		Frequency	Widest Available Operating Temperature Range
			L	W		
Automotive Grade Quartz Crystals						
Abrakon	ABM8AIG	XTAL	3.2	2.5	8 to 54 MHz	-40°C to +150°C
Abrakon	ABM8GAIG	XTAL	3.2	2.5	10 to 54 MHz	-40°C to +125°C
Ecliptek	EB2532	XTAL	3.2	2.5	8 to 66 MHz	-40°C to +125°C
ILSI	IXA16	XTAL	3.2	2.5	8 to 66 MHz	-40°C to +125°C
Fox	FK13A	XTAL	3.2	1.5	32.768 kHz	-40°C to +125°C
Fox	FC3BA	XTAL	3.2	2.5	8 to 150 MHz	-55°C to +125°C
Fox	FC3VA	XTAL	3.2	2.5	33 to 52 MHz	-40°C to +125°C
Abrakon	ABM3AIG	XTAL	5.0	3.2	8 to 50 MHz	-40°C to +150°C
Abrakon	ABM3BAIG	XTAL	5.0	3.2	8 to 54 MHz	-40°C to +150°C
Abrakon	ABM3CAIG	XTAL	5.0	3.2	8 to 20 MHz	-40°C to +150°C
Ecliptek	EB3250A	XTAL	5.0	3.2	7.6 to 54 MHz	-40°C to +125°C
Ecliptek	EB3250	XTAL	5.0	3.2	7.6 to 54 MHz	-40°C to +125°C
ILSI	IXA18	XTAL	5.0	3.2	7.6 to 54 MHz	-40°C to +125°C
ILSI	IXA20	XTAL	5.0	3.2	7.6 to 54 MHz	-40°C to +125°C
Fox	FC5BA	XTAL	5.0	3.2	8 to 133 MHz	-55°C to +125°C
Abrakon	ABM4AAIG	XTAL	7.0	5.0	6 to 25 MHz	-40°C to +125°C
Abrakon	ABM4BAIG	XTAL	7.0	5.0	6 to 25 MHz	-40°C to +125°C
Fox	FC7BA	XTAL	7.0	5.0	6 to 133 MHz	-55°C to +125°C
Automotive Grade Quartz Crystal Oscillators						
Abrakon	ASAAIG	XO	2.0	1.6	4 to 50 MHz	-40°C to +105°C
Ecliptek	EBRA51	XO	2.0	1.6	2.5 to 60 MHz	-40°C to +125°C
Ecliptek	EBRA52	XO	2.0	1.6	2.5 to 60 MHz	-40°C to +125°C
Ecliptek	EBRA53	XO	2.0	1.6	2.5 to 60 MHz	-40°C to +125°C
ILSI	ISA11	XO	2.0	1.6	2.5 to 60 MHz	-40°C to +125°C
Ecliptek	EBCA56	XO	2.0	1.6	32.768 kHz	-40°C to +125°C
Fox	FO1HA	XO	2.0	1.6	1.25 to 135 MHz	-40°C to +125°C
Abrakon	ASDAIG	XO	2.5	2.0	20 to 48 MHz	-40°C to +125°C
Ecliptek	EBRA41	XO	2.5	2.0	1 to 60 MHz	-40°C to +125°C
Ecliptek	EBRA42	XO	2.5	2.0	1 to 60 MHz	-40°C to +125°C
Ecliptek	EBRA43	XO	2.5	2.0	1 to 60 MHz	-40°C to +125°C
ILSI	ISA12	XO	2.5	2.0	1 to 60 MHz	-40°C to +125°C
Ecliptek	EBCA46	XO	2.5	2.0	32.768 kHz	-40°C to +125°C
Fox	FO2HA	XO	2.5	2.0	1.25 to 160 MHz	-40°C to +125°C
Abrakon	ASEAIG	XO	3.2	2.5	1.75 to 60 MHz	-40°C to +125°C
Ecliptek	EBRA31	XO	3.2	2.5	1 to 156.25 MHz	-40°C to +125°C
Ecliptek	EBRA32	XO	3.2	2.5	1 to 156.25 MHz	-40°C to +125°C
Ecliptek	EBRA33	XO	3.2	2.5	1 to 156.25 MHz	-40°C to +125°C
ILSI	ISA16	XO	3.2	2.5	1 to 156.250 MHz	-40°C to +125°C
Ecliptek	EBCA36	XO	3.2	2.5	32.768 kHz	-40°C to +125°C
Fox	FO3HA	XO	3.2	2.5	1.25 to 160 MHz	-40°C to +125°C
Fox	FO5HA	XO	5.0	3.2	1 to 135 MHz	-40°C to +125°C
Fox	FO7HA	XO	7.0	5.0	2 to 135 MHz	-40°C to +125°C