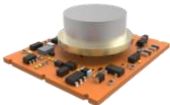
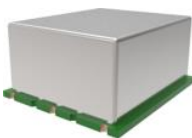
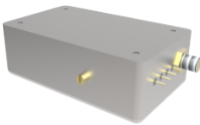
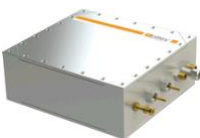


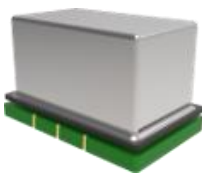
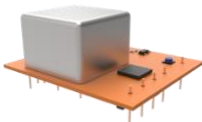


OCXO FAMILIES

Bliley Technologies OCXOs

		Freq. Range	Stability	Temp. Range	Package Size	Phase Noise	Supply Voltage	Power Consumption
Achilles LP-N		10 to 60MHz	±50ppb* ±75ppb ±100ppb ±200ppb ±300ppb	0°C to +50°C -20°C to +70°C -40°C to +85°C	Miniature Half-DIP	-125 @ 10Hz -148 @ 100Hz -152 @ 1kHz -155 @ 10kHz -160 @ 100kHz	3.3v 5.0v	135mW @ 25°C
Achilles LP-J		10 to 60MHz	±50ppb* ±75ppb ±100ppb ±200ppb ±300ppb	0°C to +50°C -20°C to +70°C -40°C to +85°C	20mm x 20mm	-125 @ 10Hz -152 @ 100Hz -162 @ 1kHz -165 @ 10kHz -168 @ 100kHz	3.3v 5.0v	135mW @ 25°C
Achilles LP-L		10 to 60MHz	±50ppb* ±75ppb ±100ppb ±200ppb ±300ppb	0°C to +50°C -20°C to +70°C -40°C to +85°C	14-pin DIP	-125 @ 10Hz -152 @ 100Hz -162 @ 1kHz -165 @ 10kHz -168 @ 100kHz	3.3v 5.0v	135mW @ 25°C
Achilles LP-SG		10 to 60MHz	±50ppb* ±100ppb	-20°C to +70°C -40°C to +85°C	22mm x 25mm	-125 @ 10Hz -152 @ 100Hz -162 @ 1kHz -165 @ 10kHz -168 @ 100kHz	3.3v 5.0v	200mW @ 25°C
BOV-A		5 to 100MHz	±20ppb ±50ppb ±100ppb	-20°C to +70°C -40°C to +85°C	36mm x 27mm	-120 @ 10Hz -140 @ 100Hz -145 @ 1kHz -150 @ 10kHz -155 @ 100kHz	3.3v 5.0v 12.0v	2W @ 25°C
BOV-E		10 to 100MHz	±20ppb ±50ppb ±100ppb	-20°C to +70°C -40°C to +85°C	25mm x 25mm	-120 @ 10Hz -145 @ 100Hz -150 @ 1kHz -155 @ 10kHz -160 @ 100kHz	3.3v 5.0v 12.0v	1.5W @ 25°C
LG-E		10 to 100MHz	±20ppb ±50ppb ±100ppb	-20°C to +70°C -40°C to +85°C	25mm x 25mm	-120 @ 10Hz -140 @ 100Hz -145 @ 1kHz -150 @ 10kHz -155 @ 100kHz	3.3v 5.0v 12.0v 15.0v	1.5W @ 25°C
BOV-G		2 to 100MHz	±20ppb ±50ppb ±100ppb	-20°C to +70°C -40°C to +85°C	25mm x 22mm	-120 @ 10Hz -140 @ 100Hz -145 @ 1kHz -150 @ 10kHz -155 @ 100kHz	3.3v 5.0v	1.5W @ 25°C
BOV-L		10 to 100MHz	±20ppb ±50ppb ±100ppb	-20°C to +70°C -40°C to +85°C	14-pin DIP	-120 @ 10Hz -140 @ 100Hz -145 @ 1kHz -150 @ 10kHz -155 @ 100kHz	3.3v 5.0v	1.5W @ 25°C
BOV-H		10 to 40MHz	±20ppb ±50ppb ±100ppb	-20°C to +70°C -40°C to +85°C	9mm x 7mm	(20MHz @ 25C) -70 @ 1Hz -100 @ 10Hz -123 @ 100Hz -143 @ 1kHz -147 @ 10kHz -151 @ 100kHz	3.3v 5.0v	180mA @ 25°C
BOV-K		5 to 100MHz	±20ppb ±50ppb	-20°C to +70°C -40°C to +85°C	20mm x 20mm	-80 @ 1Hz -120 @ 10Hz -140 @ 100Hz -145 @ 1kHz -150 @ 10kHz -155 @ 100kHz	3.3v 5.0v	1.5W @ 25°C

		Freq. Range	Stability	Temp. Range	Package Size	Phase Noise	Supply Voltage	Power Consumption
US-M		10MHz	±0.2ppb ±0.3ppb ±0.4ppb ±0.5ppb	-20°C to +70°C	51mm x 51mm	-95 @ 1Hz -120 @ 10Hz -140 @ 100Hz -145 @ 1kHz -145 @ 10kHz	5.0v	2.0W @ 25°C
US-A		10MHz	0 to +70°C: ±0.2ppb -20 to +70°C: ±0.3ppb -40 to +70°C: ±0.4ppb	0°C to +70°C -20°C to +70°C -40°C to +70°C	36mm x 27mm	-90 @ 1Hz -120 @ 10Hz -135 @ 100Hz -145 @ 1kHz -150 @ 10kHz	5.0v	3.0W @ 25°C
Apollo LN-E		30 to 130MHz	±10ppb* ±50ppb ±100ppb ±200ppb	-20°C to +70°C -40°C to +85°C	25mm x 25mm	(100MHz @ 25°C) -103 @ 10Hz -133 @ 100Hz -157 @ 1kHz -172 @ 10kHz -175 @ 100kHz	12v 15v	1.5W @ 25°C
Zeus LN-CZ		30 to 130MHz	±50ppb ±100ppb ±200ppb	-20°C to +70°C -40°C to +85°C	45mm x 75mm	(100MHz @ 25°C) -103 @ 10Hz -133 @ 100Hz -160 @ 1kHz -174 @ 10kHz -178 @ 100kHz	12v 15v	3.0W @ 25°C
Iris SP-E		10 to 100MHz	±25ppb* ±50ppb ±100ppb	-10°C to +60°C -20°C to +70°C	1" x 1"	(100MHz @ 25°C) -93 @ 10Hz -125 @ 100Hz -150 @ 1kHz -168 @ 10kHz -168 @ 100kHz	5.0v	1.5W @ 25°C
Hyas HYA		10MHz 50MHz 100MHz	±100ppb	-40°C to +85°C	3.35" x 1.35" x 0.81"	(10MHz @ 25°C) -90 @ 1Hz -123 @ 10Hz -145 @ 100Hz -150 @ 1kHz -160 @ 10kHz -160 @ 100kHz	5.0v	3.0W @ 25°C
Poseidon 2		5 to 130MHz	±50ppb ±250ppb	-20°C to +70°C -40°C to +85°C	2.5" x 2.7"	(10MHz @ 25°C) -130 @ 10Hz -152 @ 100Hz -160 @ 1kHz -165 @ 10kHz -165 @ 100kHz	5.0v	3.0W @ 25°C
BOV-J		5 to 100MHz	±20ppb ±50ppb	-20°C to +70°C -40°C to +85°C	20mm x 20mm	-90 @ 1Hz -120 @ 10Hz -140 @ 100Hz -145 @ 1kHz -150 @ 10kHz -155 @ 100kHz	3.3v 5.0v	1.5W @ 25°C
BOV-B		10 to 100MHz	±20ppb ±50ppb ±100ppb	-20°C to +70°C -40°C to +85°C	36mm x 27mm	-120 @ 10Hz -140 @ 100Hz -145 @ 1kHz -150 @ 10kHz -155 @ 100kHz	5.0v 12.0v	2W @ 25°C
BOV-F		5 to 100MHz	±20ppb ±50ppb	-20°C to +70°C -40°C to +85°C	25mm x 25mm	-90 @ 1Hz -120 @ 10Hz -140 @ 100Hz -145 @ 1kHz -150 @ 10kHz -155 @ 100kHz	3.3v 5.0v 12.0v	1.5W @ 25°C

		Freq. Range	Stability	Temp. Range	Package Size	Phase Noise	Supply Voltage	Power Consumption
BOV-P		10 to 100MHz	±20ppb ±50ppb	-20°C to +70°C -40°C to +85°C	9mm x 14mm	-80 @ 1Hz -110 @ 10Hz -140 @ 100Hz -145 @ 1kHz -150 @ 10kHz -155 @ 100kHz	3.3v 5.0v	1.0W @ 25°C
Atlas 1PPS ATL-Z		10MHz	±20ppb ±50ppb ±100 ppb	-20°C to +70°C -40°C to +85°C	CSAC footprint	(10MHz @ 25°C) -90 @ 1Hz -123 @ 10Hz -145 @ 100Hz -150 @ 1kHz -160 @ 10kHz -160 @ 100kHz	3.3v 5.0v	4.5W @ 25°C (standard power), 0.25W @ 25°C (low power)