















VCXOs, TCXOs, VCTCXOs SELECTION GUIDE






• SURFACE MOUNT VCXOs				
MODEL	FVS25AXT	VCS25AXT	VCSAXT Series	VCP3_AXT / VCP6_AXT Series
				
Frequency Range	2.000 ~ 54.000 MHz	1.000 ~ 80.000 MHz	1.000 ~ 80.000 MHz	120.000 ~ 600.000 MHz
Frequency Stability	±50 PPM	±50 PPM	±25 PPM, ±50 PPM, ±100 PPM	Not Applicable
Pullability	±100 PPM	±100 PPM	±100 PPM, ±50 PPM	±30, ±55, ±100 or ±125 PPM APR
Temperature Range	-10°C ~ +70°C	-10°C ~ +70°C	-10°C ~ +70°C -40°C ~ +85°C (Option)	-55°C ~ +125°C -40°C ~ +85°C (Option)
Key Features	<ul style="list-style-type: none"> • 5.0 x 3.2 x 1.2mm • 3.3V Operation • HCMOS Output • Enable/Disable 	<ul style="list-style-type: none"> • 7.5 x 5 x 2.0mm • 3.3V Operation • HCMOS Output • Enable/Disable 	<ul style="list-style-type: none"> • 7.5 x 5 x 2.0mm • 3.3V Operation • HCMOS Output • Enable/Disable 	<ul style="list-style-type: none"> • 7.0 x 5 x 1.8mm • 3.3V Operation • LV-PECL VCXO
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• SURFACE MOUNT AND THRU-HOLE VCXOs				
MODEL	RFV250	RFV300	VCXO-D	VCXO-C
				
Frequency Range	600 MHz ~ 1250 MHz	600 MHz ~ 1250 MHz	1.000 ~ 40.500 MHz	1.000 ~ 40.000 MHz
Frequency Stability	Not Applicable	Not Applicable	±25 PPM, ±50 PPM, ±100 PPM	±25 PPM, ±50 PPM, ±100 PPM
Pullability	±50 PPM APR	±50 PPM APR	±100 PPM, ±50 PPM	±200 PPM, ±100 PPM, ±50 PPM
Temperature Range	-40°C ~ +85°C	-40°C ~ +85°C	-10°C ~ +70°C -40°C ~ +85°C (Option)	-10°C ~ +70°C -40°C ~ +85°C (Option)
Key Features	<ul style="list-style-type: none"> • 7.5 x 5 x 1.4mm • 2.5V Operation • LV-PECL VCXO • Complementary Output 	<ul style="list-style-type: none"> • 7.5 x 5 x 1.4mm • 3.3V Operation • LV-PECL VCXO • Complementary Output 	<ul style="list-style-type: none"> • 14-Pin DIP • 3.3V Operation • HCMOS Output • Rugged Resistance Weld 	<ul style="list-style-type: none"> • 14-Pin DIP • 5.0V Operation • HCMOS/TTL Output • Rugged Resistance Weld
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• SURFACE MOUNT TCXOs / VCTCXOs				
MODEL	FOX923E	FOX914 Series	FOX307H	FOX312BE
				
Frequency Range	13.000 ~ 35.000 MHz	12.288 ~ 35.000 MHz	10.000 ~ 26.000 MHz	12.600 ~ 26.000 MHz
Frequency Stability	±2.5 PPM	±2.5 PPM	±2.5 PPM	±2.5 PPM
Pullability	±5 PPM Min	±5 PPM Min (E Version)	±5 PPM Min	±5 PPM Min
Temperature Range	-20°C ~ +75°C	-20°C ~ +75°C	-20°C ~ +75°C	-20°C ~ +75°C
Key Features	<ul style="list-style-type: none"> • 3.2 x 2.5 x 1.2mm • 3.0V Operation • Clipped Sine Output • VCTCXO 	<ul style="list-style-type: none"> • 5 x 3.2 x 1.5mm • 3.0V Operation • Clipped Sine Output • VCTCXO (E) or TCXO (B) 	<ul style="list-style-type: none"> • 7 x 5 x 1.9mm • 3.0V Operation • Clipped Sine Output • VCTCXO 	<ul style="list-style-type: none"> • 7 x 5 x 2.0mm • 3.0V Operation • Clipped Sine Output • VCTCXO
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TCXOs, VCTCXOs, OCXOs SELECTION GUIDE

• SURFACE MOUNT AND THRU-HOLE TCXOs / VCTCXOs					
MODEL	FOX801BE	FOX801 Series	FOX781B/C	FOX782	FOX783
					
Frequency Range	10.000 ~ 50.000 MHz	10.000 ~ 50.000 MHz	8.000 ~ 20.000 MHz	8.000 ~ 20.000 MHz	1.500 ~ 312.000 MHz
Frequency Stability	±2.5 PPM	±2.5 PPM	±2.5 PPM	±2.5 PPM	±2.5 PPM
Pullability	N/A	N/A	N/A	N/A	N/A
Temperature Range	-30°C ~ +75°C	-30°C ~ +75°C	-20°C ~ +75°C	-20°C ~ +75°C	-20°C ~ +75°C
Key Features	<ul style="list-style-type: none"> • 9.6 x 11.4 x 2.0mm • 3.0V Operation • Clipped Sine Output • VCTCXO 	<ul style="list-style-type: none"> • 11.4 x 9.6 x 2.0mm • 3.0V / 5.0V Operation • Clipped Sine Output • TCXO or VCTCXO 	<ul style="list-style-type: none"> • 5.0V / 3.0V Operation • Clipped Sine Output • TCXO or VCTCXO (C) • Up to 45 MHz Available 	<ul style="list-style-type: none"> • 5.0V Operation • HCMOS Output • TCXO or VCTCXO (C) • Up to 45 MHz Available 	<ul style="list-style-type: none"> • 3.3V Operation • HCMOS Output • TCXO or VCTCXO • 14 Pin DIP
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• THRU-HOLE OCXOs				
MODEL	FTS501AH	FTS301AH	FPC5_ _AH Series	FPC5_ _AS Series
				
Frequency Range	10.000 ~ 40.000 MHz	10.000 ~ 40.000 MHz	5.000 ~ 50.000 MHz	5.000 ~ 50.000 MHz
Frequency Stability	±4.6 PPM	±4.6 PPM	±2 PPB, ±5 PPB, ±10 PPB,	±2 PPB, ±5 PPB, ±10 PPB,
Pullability	4 PPM Min	4 PPM Min	N/A	N/A
Temperature Range	0°C ~ +70°C	0°C ~ +70°C	0°C ~ +50°C, -20°C ~ +70°C -40°C ~ +75°C	0°C ~ +50°C, -20°C ~ +70°C -40°C ~ +75°C
Key Features	<ul style="list-style-type: none"> • 14-Pin DIP • 5.0V Operation • HCMOS Output • Meets Stratum III 	<ul style="list-style-type: none"> • 14-Pin DIP • 3.3V Operation • HCMOS Output • Meets Stratum III 	<ul style="list-style-type: none"> • 50.8 x 50.8 x 19.05mm • 5.0V Operation • HCMOS Output • SC Cut Resonators 	<ul style="list-style-type: none"> • 50.8 x 50.8 x 19.05mm • 5.0V Operation • Sine Wave Output • SC Cut Resonators
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• THRU-HOLE OCXOs		
MODEL	FTE5_ _AH Series	FTE5_ _AS Series
		
Frequency Range	5.000 ~ 50.000 MHz	5.000 ~ 50.000 MHz
Frequency Stability	±7 PPB, ±10 PPB, ±15 PPB	±7 PPB, ±10 PPB, ±15 PPB
Pullability	N/A	N/A
Temperature Range	0°C ~ +70°C, -20°C ~ +70°C 40°C ~ +75°C	0°C ~ +70°C, -20°C ~ +70°C 40°C ~ +75°C
Key Features	<ul style="list-style-type: none"> • EURO Package • 5.0V Operation • HCMOS Output • SC Cut Resonators 	<ul style="list-style-type: none"> • EURO Package • 5.0V Operation • HCMOS Output • SC Cut Resonators
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