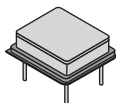


FOX Microprocessor Crystals



HALF SIZE HIGH SPEED CMOS TRI-STATE OSCILLATORS

- Operating temp.: -10°C to +70°C (H5C2), 0°C to +70°C (H5C2E)
 - Output symmetry: 45%/55% (min./max.)
 - Storage temp.: -55°C to +125°C
 - Supply volt.: 5.0VDC ±0.5
 - Frequency stability: ±100PPM
- Pin Connections:
 1 - Enable/Disable Function
 4 - GND (Case)
 5 - Output
 8 - +5VDC

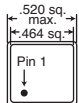


RoHS Compliant



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-H5C2E-368-LF	3.686400	2.68	2.45	2.25
559-H5C2E-1600-LF	16.000000	2.68	2.45	2.25
559-H5C2E-2000-LF	20.000000	2.68	2.45	2.25



F330 SERIES CLOCK OSCILLATORS

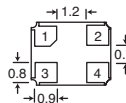
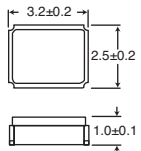
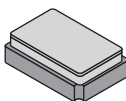
- 3.3V Operation
- Standby Function
- Operating Temperature: -10°C ~ +70°C
- Frequency Stability: ±50ppm @ -10°C ~ +70°C
- HCMOS Output

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Price Each			
		1	5	10	50
559-F335-184	1.8432	13.08	11.45	9.81	9.16
559-F335-368	3.6864	13.08	11.45	9.81	9.16
559-F335-400	4.0000	13.08	11.45	9.81	9.16
559-F335-800	8.0000	13.08	11.45	9.81	9.16
559-F335-1000	10.0000	13.08	11.45	9.81	9.16
559-F335-1105	11.0592	13.08	11.45	9.81	9.16
559-F335-1200	12.0000	13.08	11.45	9.81	9.16
559-F335-1843	18.4320	13.08	11.45	9.81	9.16
559-F335-2000	20.0000	13.08	11.45	9.81	9.16
559-F338-2200	22.0000	14.90	13.04	11.18	10.43
559-F335-2400	24.0000	13.08	11.45	9.81	9.16
559-F335-2457	24.5760	13.08	11.45	9.81	9.16
559-F335-2500	25.0000	13.08	11.45	9.81	9.16
559-F335-2700	27.0000	13.08	11.45	9.81	9.16
559-F335-3200	32.0000	13.08	11.45	9.81	9.16
559-F335-4000	40.0000	13.08	11.45	9.81	9.16
559-F335-4400	44.0000	13.08	11.45	9.81	9.16
559-F335-4800	48.0000	13.08	11.45	9.81	9.16
559-F335-5000	50.0000	13.08	11.45	9.81	9.16

- Pin Connections:
 1 - E/D
 2 - GND
 3 - Output
 4 - VDD

RoHS Compliant

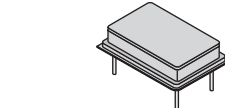


FULL SIZE TTL CLOCK OSCILLATORS

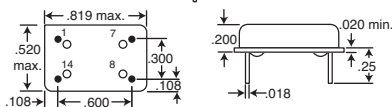
- Operating temp.: 0°C to +70°C
 - Storage temp.: -55°C to +125°C
 - Supply volt.: 5.0VDC ±0.5
 - Output symmetry: 1.000 to 7.999 = 45%/55% (min/max), 8.000 to 100.000 = 40%/60% (min/max)
 - Frequency Stability: ±100PPM
- Pin Connections:
 1 - N.C
 8 - Output
 7 - GND (Case)
 14 - +5VDC

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-F1100E-184-LF	1.843200	2.27	2.07	1.88
559-F1100E-368-LF	3.686400	2.27	2.07	1.88
559-F1100E-400-LF	4.000000	2.27	2.07	1.88
559-F1100E-800-LF	8.000000	2.27	2.07	1.88
559-F1100E-1000-LF	10.000000	2.27	2.07	1.88
559-F1100E-1105-LF	11.059200	2.27	2.07	1.88
559-F1100E-1200-LF	12.000000	2.27	2.07	1.88
559-F1100E-1600-LF	16.000000	2.27	2.07	1.88
559-F1100E-2000-LF	20.000000	2.27	2.07	1.88
559-F1100E-4000-LF	40.000000	4.35	3.95	3.59
559-F1100E-8000-LF	80.000000	2.27	2.07	1.88



RoHS Compliant



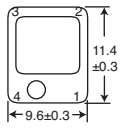
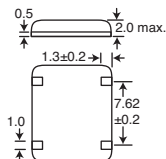
VOLTAGE CONTROLLED TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS (VCTCXO)

These SMD TCXOs are suitable for a variety of cost effective applications which require excellent frequency stability.

RoHS Compliant

DIMENSIONS: mm

- Pin Connections:
 1 - N.C or Vc
 2 - GND
 3 - Output
 4 - VDD



- Operating temp.: -30°C to +75°C
- Storage temp.: -35°C to +80°C
- Frequency stability: over temperature range: ±2.5PPM, over supply voltage change: ±0.3PPM, over load change: ±0.3PPM
- Aging: ±0.8PPM/year @ 25°C
- Input current: 2.0mA
- Output load: 10KΩ, 10pF
- Supply volt.: ±2.85 (min.) ±3.15 (max.)

MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-FOX801BE-1000-LF	10.000000	19.64	17.85	15.17
559-FOX801BE-1440-LF	14.400000	20.64	18.85	16.17
559-FOX801BE-1600-LF	16.000000	24.21	20.18	16.14
559-FOX801BE-1920-LF	19.200000	24.21	20.18	16.14

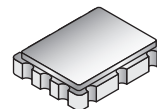
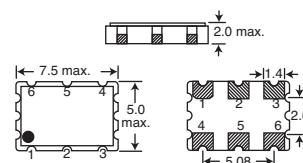
VOLTAGE CONTROLLED CRYSTAL OSCILLATORS (VCXO)

These SMD VCXOs are a tight stability, VCXO that is available in a wide range of stability and pullability options. It was designed to be a general purpose VCXO with minimum utilization of board space.

RoHS Compliant

DIMENSIONS: mm

- Pin Connections:
 1 - Vcont
 2 - E/D
 3 - GND
 4 - Output
 5 - N.C
 6 - VDD

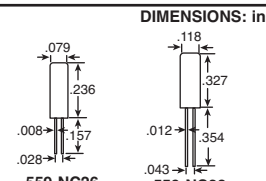


- Operating temp.: -10°C to +70°C
- Storage temp.: -40°C to +85°C
- Frequency stability: ±50PPM
- Input current: 1.0-30MHz - 15mA, 30.0-45.0MHz - 25mA
- Output load: HCMOS - 15pF
- Supply volt.: +3.0 (min.) +3.6 (max.)
- Control volt.: +0.15V (min.) +3.15V (max.)

MOUSER STOCK NO.	Frequency (MHz)	Price Each		
		1	10	100
559-VCS25AXT-409	4.096000	13.50	12.15	11.48
559-VCS25AXT-819	8.192000	13.50	12.15	11.48
559-VCS25AXT-1228	12.288000	8.99	8.43	8.15
559-VCS25AXT-1638	16.384000	10.68	9.61	9.08
559-VCS25AXT-2700	27.000000	14.69	12.01	10.14
559-VCS25AXT-4473	44.736000	13.50	12.15	11.48

TUNING FORK WATCH CRYSTALS

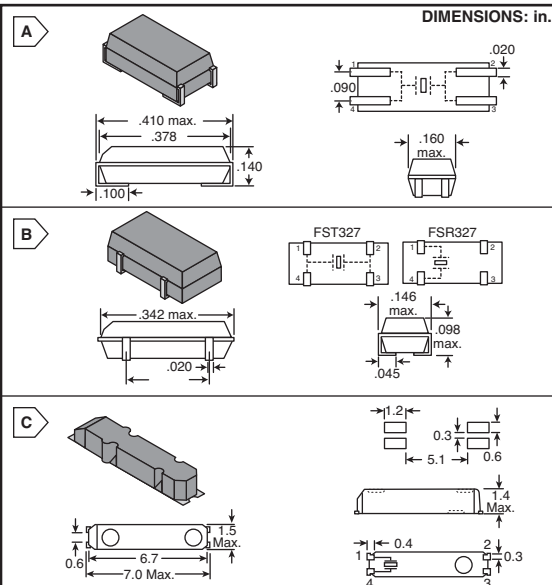
- Frequency tolerance: ±20PPM
- Load capacitance: 12.5pF
- Equivalent series resistance: 559-NC26 30k/50KΩ (typ./max.), 559-NC38 18k/35KΩ (typ./max.)
- Insulation resistance: 100MΩ
- Drive level: 1.0μW
- Aging: ±3PPM/year @ 25°C
- Operating temp.: -10°C to +60°C
- Storage temp.: -20°C to +70°C



MOUSER STOCK NO.	Frequency (KHz)	Price Each		
		1	10	100
559-NC26-LF	32.768000	.63	.53	.45
559-NC38-LF	32.768000	.63	.53	.45

SMD TUNING FORK WATCH CRYSTALS

- For applications that require the watch frequency (32.76 kHz).
- Sturdy thermoplastic housing
- 2.5mm height max.
- Operating temp.: -40°C to +85°C
- Frequency tolerance: ±20PPM



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fig.	Frequency (kHz)	Price Each		
			1	10	100
559-FSM327-LF	A	32.768	1.14	1.07	1.04
559-FSRLF327	B	32.768	1.00	.95	.91
559-FSXL327	C	32.768	3.38	2.96	2.62