



VISHAY INTERTECHNOLOGY, INC.



CRYSTALS AND OSCILLATORS

Crystals

XT49U, S, M

XT36C, 57C, 46C, 38T, 26T

Oscillators

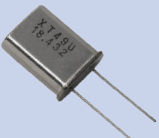
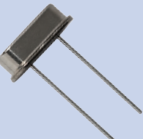

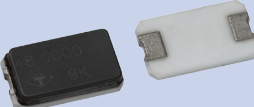

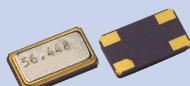
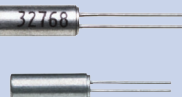
XOSM-57, 573, 572, 571, 533, 532, 531

XO-54, 543, 52, 523, 56, 53

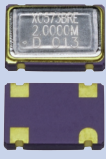
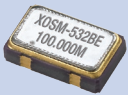








Crystals and Oscillators

Vishay's frequency control product line offers a complete range of crystals and oscillators. These low cost commercial products are available in the standard packages as well as the latest in ceramic surface mount technology.

CRYSTALS				
Product	Characteristics	Frequency Range	Frequency Stability	Applications
XT49U 	Industry standard microprocessor HC49U crystal	1.8432 to 125 MHz	30	Microprocessor clocks Disk drives Modems
XT49S 	Standard footprint, AT strip, 3.5 mm profile. 2.5 mm profile also available as XT49SL	3.2 to 66 MHz	30	Microprocessor clocks Disk drives Modems
XT49M 	Standard HC49/US SMD, 4.5 mm profile. 3.5 mm profile also available as XT49ML	3.2 to 66 MHz	30	Microprocessor clocks Disk drives Modems
XT36C 	Microprocessor crystal, 1.6 mm profile	10 to 80 MHz	50	Microprocessor clocks Disk drives Modems
XT57C 	5 x 7 x 1.1 mm, seam sealed, tight tolerance, quartz crystal	9.8304 to 100 MHz	30	Notebook computers Telecommunications equipment Mobile station
XT46C 	3.5 x 6 x 1.0 mm, quartz crystal	10 to 80 MHz	30	Notebook computers Telecommunications equipment PCMCIA cards
XT38T XT26T 	Tuning fork watch crystals 2 x 6 mm and 3 x 8 mm	32.768 KHz	20	Used in an oscillator circuit to produce a 1 Hz output incorporating binary division



OSCILLATORS				
Product	Characteristics	Frequency Range	Frequency Stability	Applications
XOSM-57 XOSM-573 XOSM-572 XOSM-571 	5 x 7 x 1.6 mm, HCMOS/TTL, tri-state, enable/disable option, voltage options: XOSM-57: 5.0 V XOSM-573: 3.3 V XOSM-572: 2.5 V XOSM-571: 1.8 V	1.0 to 100 MHz	100/50/25	Notebook computers Portable peripherals Communication equipment
XOSM-533 XOSM-532 XOSM-531 	3.3 x 5 x 1.3 mm, HCMOS/TTL, tri-state, enable/disable option, voltage options: XOSM-533: 3.3 V XOSM-532: 2.5 V XOSM-531: 1.8 V	1.0 to 100 MHz	100/50/25	Notebook computers Portable peripherals Communication equipment
XO-54 	14 pin dip, 5 V, HCMOS/TTL, tri-state, enable/disable option	1.0 to 100 MHz	100/50/25	Computers Portable peripherals Communication equipment
XO-543 	14 pin dip, 3.3 V, HCMOS/TTL, tri-state, enable/disable option	1.0 to 100 MHz	100/50/25	Computers Portable peripherals Communication equipment
XO-52 	8 pin dip, 5 V, HCMOS/TTL, tri-state, enable/disable option	1.0 to 100 MHz	100/50/25	Computers Portable peripherals Communication equipment
XO-523 	8 pin dip, 3.3 V, HCMOS/TTL, tri-state, enable/disable option	1.0 to 100 MHz	100/50/25	Computers Portable peripherals Communication equipment
XO-56 	14 pin dip, 5 V, HCMOS/TTL, low frequency	1 to 999.9 KHz	100/50/25	Computers Portable peripherals Communication equipment
XO-53 	14 pin dip, 5 V, TTL compatible	1.0 to 100 MHz	100/50/25	Computers Portable peripherals Communication equipment

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