



## High Performance Clock Oscillators



Dim. in mm

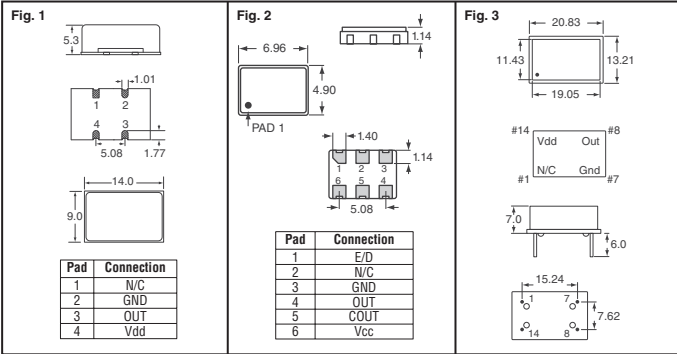


Fig.	Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			T & R Pricing 1,000	Crystek Corporation Part No.
CCHD-950 Series -162dBc/Hz Phase Noise Floor CMOS - 3.3V							
1	80.0000	744-1055-ND†	31.69	30.11	28.53	—	CCHD-950-50-80.000
	100.0000	744-1054-ND†	34.27	32.56	30.85	—	CCHD-950-50-100.000
CCPD-033 and CCPD-034 Series - Differential LVPECL - 3.3V							
2	77.7600	744-1036-1-ND	11.75	10.16	9.62	7051.65	CCPD-033-50-77.760
	100.0000	744-1030-1-ND	12.32	10.64	10.08	7396.16	CCPD-033-50-100.000
	106.2500	744-1031-1-ND	12.32	10.64	10.08	7396.16	CCPD-033-50-106.250
	125.0000	744-1032-1-ND	12.74	11.00	10.43	7648.64	CCPD-033-50-125.000
	155.5200	744-1033-1-ND	15.18	13.12	12.43	9109.69	CCPD-033-50-155.520
	156.2500	744-1034-1-ND	15.18	13.12	12.43	9109.69	CCPD-033-50-156.250
	161.1328	744-1035-1-ND	17.37	15.02	14.23	10432.72	CCPD-033-50-161.1328
	200.0000	744-1041-ND†	22.78	19.68	18.65	—	CCPD-034-50-200.000
	212.5000	744-1042-ND†	22.78	19.68	18.65	—	CCPD-034-50-212.500
	250.0000	744-1043-ND†	35.30	30.49	28.89	—	CCPD-034-50-250.000
2	311.0400	744-1044-ND†	59.67	51.53	48.83	—	CCPD-034-50-311.040
	312.5000	744-1253-ND†	80.28	60.90	49.84	—	CCPD-034-50-312.500
CCLD-033 Series - Differential LVDS - 3.3V							
2	100.0000	744-1037-1-ND	12.59	10.88	10.31	7552.14	CCLD-033-50-100.000
	125.0000	744-1038-1-ND	13.29	11.47	10.87	7967.34	CCLD-033-50-125.000
	133.0000	744-1039-1-ND	13.66	11.79	11.17	8191.77	CCLD-033-50-133.000
	156.2500	744-1040-1-ND	14.98	12.94	12.27	8988.50	CCLD-033-50-156.250
CCO-083 Series - True SineWave - 3.3V							
3	100.0000	744-1045-5-ND†	69.72	69.26	68.56	—	CCO-083-100.000
	200.0000	744-1046-5-ND†	76.92	76.41	75.65	—	CCO-083-200.000

† Bulk ‡ For Tape and Reel part number, change 1-ND to 2-ND.  
 Note: For additional specifications please see the manufacturer's data sheets.

## High Performance, Low Phase Noise VCXOs, VCSOs and TCXOs

Dim. in mm

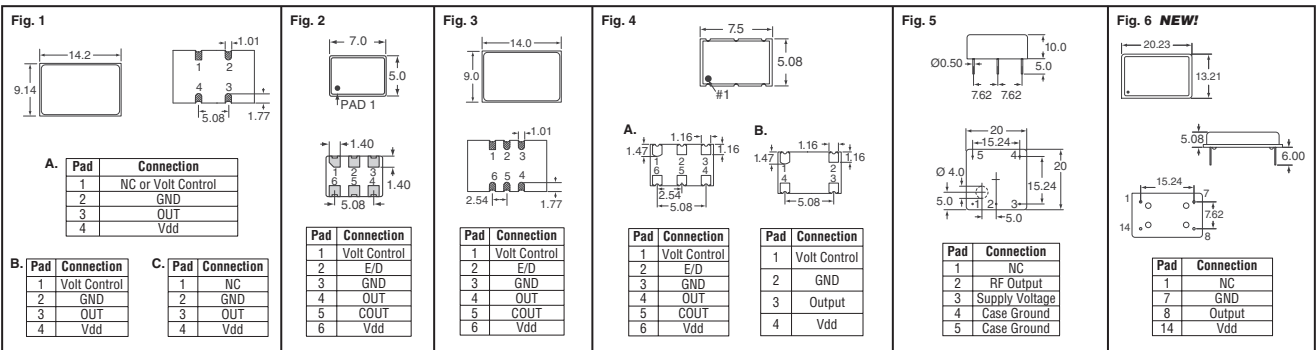


Fig.	Frequency (MHz)	Input Voltage	Output Type	Digi-Key Part No.	Price Each			Crystek Corporation Part No.
CVHD-950 Series -162dBc/Hz Phase Noise Floor VCXO								
1A	54.0000	3.3V	CMOS	744-1217-ND	30.07	28.57	27.07	CVHD-950-54.000
	74.1758	3.3V	CMOS	744-1216-ND	30.75	29.21	27.68	CVHD-950-74.175800
	74.2500	3.3V	CMOS	744-1215-ND	30.75	29.21	27.68	CVHD-950-74.250
	80.0000	3.3V	CMOS	744-1214-ND	31.08	29.54	27.98	CVHD-950-80.000
	100.0000	3.3V	CMOS	744-1213-ND	31.08	29.54	27.98	CVHD-950-100.000
	122.8800	3.3V	CMOS	744-1271-ND	56.44	53.63	53.63	CVHD-950-122.880
125.0000	3.3V	CMOS	744-1272-ND	56.44	53.63	50.80	CVHD-950-125.000	
CVCSO-914 Series High Frequency SAW SineWave VCXO								
1B	1.0000GHz	5.0V	SineWave	744-1051-ND	130.91	124.37	117.82	CVCSO-914-1000
CCSO-914X Series Ultra-Low Phase Noise SAW Oscillators								
1C	1.0000GHz	3.3V	SineWave	744-1291-ND	63.58	60.41	57.22	CCSO-914X3-1000
	1.0000GHz	5.0V	SineWave	744-1254-ND	63.58	60.41	57.23	CCSO-914X-1000.000

Fig.	Frequency (MHz)	Input Voltage	Output Type	Digi-Key Part No.	Price Each			Crystek Corporation Part No.
CVPD-034, CVPD-940, CVPD-970 Series Differential VCXO								
2	155.5200	3.3V	LVPECL	744-1219-ND	46.81	42.56	40.42	CVPD-034-50-155.52
	156.2500	3.3V	LVPECL	744-1220-ND	46.81	42.56	40.42	CVPD-034-50-156.25
3	622.0800	3.3V	LVPECL	744-1224-ND	87.80	83.41	79.03	CVPD-970X-622.080
CVS575 Series Voltage Controlled SAW Oscillators								
4A	500.0000	3.3V	LVPECL	744-1053-ND	72.33	68.73	65.10	CVS575-500.000
	622.0800	3.3V	LVPECL	744-1052-ND	72.33	68.73	65.10	CVS575-622.080
4B	500.0000	3.3V	SineWave	744-1290-ND	72.33	68.73	65.10	CVS575S-500.000
CXOH20 Series TCXO								
5	10.0000	5.0V	CMOS	744-1050-ND	51.80	50.07	48.35	CXOH20-BP-10.000
NEW! CCSO-014 Series SAW SineWave Oscillator NEW!								
6	1.0900GHz	12.0V	SineWave	744-1328-ND	116.19	112.85	111.18	CCSO-014-1090.000

Note: For additional specifications please see the manufacturer's data sheets.

## Chipset Crystals and Oscillators



For data sheets, please visit Crystek Corporation's website to register for release of documents.

Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			T & R Pricing 1,000	Crystek Corp. Part No.	Compatible Chipsets and Applications
Crystals							
4.746870	744-1001-1-ND	1.77	1.69	1.56	621.38	016867	Maxim: MAX1470/1473
5.223438	744-1007-1-ND	2.01	1.92	1.76	705.03	016991	Maxim: MAX1470/1473, 345MHz, -40°C - 85°C
6.612813	744-1002-1-ND	1.77	1.69	1.56	621.38	016868	Maxim: MAX1470/1473
6.764380	744-1021-1-ND	1.77	1.69	1.56	621.38	017128	Atmel: U3741, T5743, T5744, 433.92MHz, 0°C - 70°C, 3mm
9.509375	744-1011-1-ND	2.10	2.00	1.84	740.88	017034	Maxim: MAX1471, 315MHz, -40°C - 85°C
9.843750	744-1017-1-ND	2.01	1.92	1.76	—	017113	Atmel: T5753, 315MHz, -40°C - 85°C, 5mm
9.843750	744-1009-1-ND	2.10	2.00	1.84	740.88	017000	Maxim: MAX1472, 315MHz, -40°C - 85°C
9.843750	744-1003-1-ND	1.53	1.46	1.34	537.73	016875	Microchip: rPIC12C509AG/509AF, rHCS362G/362F, rPIC12F675K
13.062500	744-1004-1-ND	1.53	1.46	1.34	537.73	016876	Microchip: rPIC12F675K, (ASK) 418MHz, -40°C - 85°C
13.225600	744-1012-1-ND	2.10	2.00	1.84	740.88	017035	Maxim: MAX1471, 433.92MHz, -40°C - 85°C
13.560000	744-1010-1-ND	2.10	2.00	1.84	740.88	017001	Maxim: MAX1472, 433.92MHz, -40°C - 85°C
13.560000	744-1005-1-ND	1.53	1.46	1.34	537.73	016877	Microchip: rPIC12C509AG/509AF, (ASK) 433.92MHz, -40°C - 85°C
16.0000	744-1327-1-ND	3.20	3.04	2.81	1052.59	017466	MAX7048, MAX7049, MAX7057, -40°C - 125°C

Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			T & R Pricing 1,000	Crystek Corp. Part No.	Compatible Chipsets and Applications
19.660800	744-1019-1-ND	3.25	3.09	2.85	1135.21	017119	Texas Instruments: TRF6901/6903/ 4903, -40°C - 85°C
20.35625	744-1008-1-ND	1.21	1.16	1.07	426.42	016999	Microchip: rRXD0420, (ASK) 315MHz, -40°C - 85°C
24.00000	744-1000-1-ND	1.03	.98	.91	—	016808	Texas Instruments: USB Chipset
26.45125	744-1006-1-ND	1.21	1.16	1.07	426.42	016985	Microchip: rRXD0420, (ASK) 433.92MHz, -40°C - 85°C
26.80000	744-1014-1-ND	1.21	1.16	1.07	426.42	017053	Microchip: rRXD0920, (ASK) 868.3MHz, -40°C - 85°C
28.259375	744-1015-1-ND	1.21	1.16	1.07	426.42	017055	Microchip: rRXD0920, (ASK) 915MHz, -40°C - 85°C
49.15200	744-1023-1-ND	14.95	14.20	13.09	5229.27	017150	Texas Instruments: FireWire TS841BA3, 0°C - 70°C
Oscillators							
49.15200	744-1026-1-ND	5.61	5.33	4.92	1963.78	601188	Texas Instruments: FireWire TS841BA3, -40°C - 85°C, 1.8V
98.30400	744-1029-1-ND	13.24	12.58	11.60	4634.52	601252	Texas Instruments: FireWire TS841BA3, -40°C - 85°C, 1.8V
49.15200	744-1027-1-ND	5.25	5.00	4.61	1840.34	601230	Texas Instruments: FireWire TS841BA3, 0°C - 70°C, 1.8V
98.30400	744-1028-1-ND	12.34	11.73	10.81	4320.32	601251	Texas Instruments: FireWire TS841BA3, 0°C - 70°C, 1.8V
98.30400	744-1025-1-ND	5.21	4.95	4.56	1817.90	601107	Texas Instruments: DSP Radio, 0°C - 70°C, 3.3V
VCXOs							
122.8800	744-1251-ND†	66.34	63.06	58.05	—	602017	Linear Technologies DC1216A-B

✓ NEW! † Bulk ‡ For Tape and Reel part number, change 1-ND to 2-ND.

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