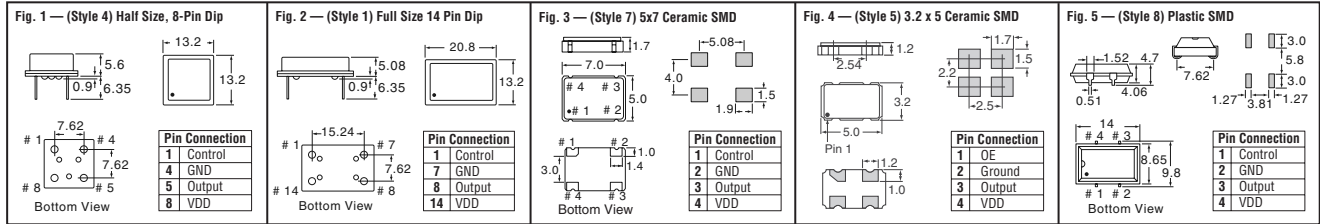


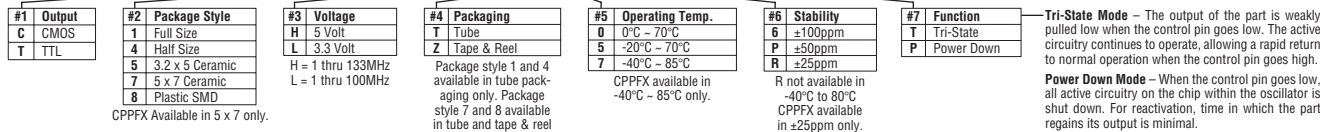
The **CPP Series** is a Standard series and is available in Styles 1, 4, 5, 7 and 8. The frequency range is 1.000MHz – 133.000MHz for 5V and 1.000MHz for 3.3V. The **CPPL Series** is an Ultra Low Jitter series and is available in Styles 1, 4, 5, 7 and 8. The frequency range is 1.000MHz – 133.000MHz for 5V, 1.000MHz – 100.000MHz for 3.3V

The **CPPFX Series** is an Extended Temperature, High Stability series and is available in Style 7 only. The frequency range is 1.000MHz – 133.000MHz for both 5V and 3.3V. The temperature range is -40°C – 85°C and the frequency stability is ±25ppm.



Example Part Number:

CPP/CPPL/CPPFX □ □ □ □ □ □ □ -ND



How to Select a Base Number:
 # 1 = Select Output
 # 2 = Select Package Style
 # 3 = Select Voltage
 # 4 = Select Packaging
 # 5 = Select Operating Temp.
 # 6 = Select Stability
 # 7 = Select Function

Fig.	Digi-Key * Base Part No.	1	5	10	Tape and Reel Pricing
		100	500	1,000	
1	CPPC4-□□□□-ND	7.09	6.08	4.46	—
	CPPC4-□□□□-ND	8.14	6.98	5.12	—
	CPPLC4-□□□□-ND	8.14	6.98	5.12	—
	CPPLT4-□□□□-ND	8.14	6.98	5.12	—
	CPPP4-□□□□-ND	7.09	6.08	4.46	—
	CPPP4-□□□□-ND	8.14	6.98	5.12	—
	CPPP4-□□□□-ND	8.14	6.98	5.12	—
2	CPPC1-□□□□-ND	7.09	6.08	4.46	—
	CPPC1-□□□□-ND	8.14	6.98	5.12	—
	CPPLC1-□□□□-ND	8.14	6.98	5.12	—
	CPPLT1-□□□□-ND	8.14	6.98	5.12	—
	CPPP1-□□□□-ND	7.09	6.08	4.46	—
	CPPP1-□□□□-ND	8.14	6.98	5.12	—
	CPPP1-□□□□-ND	8.14	6.98	5.12	—
3	CPPC7-□□□□-ND	6.56	5.63	4.13	375.00 1406.25 2500.00
	CPPC7-□□□□-ND	7.56	6.48	4.76	432.00 1620.00 2880.00

Fig.	Digi-Key * Base Part No.	1	5	10	Tape and Reel Pricing
		100	500	1,000	
3	CPPFX7-□□□□-ND	8.72	7.47	5.48	498.00 1867.50 3320.00
	CPPFX7-□□□□-ND	8.72	7.47	5.48	498.00 1867.50 3320.00
	CPPFX7-□□□□-ND	7.56	6.48	4.76	432.00 1620.00 2880.00
	CPPFX7-□□□□-ND	7.56	6.48	4.76	432.00 1620.00 2880.00
4	CPPC5-□□□□-ND	9.98	8.55	6.27	—
	CPPC5-□□□□-ND	9.98	8.55	6.27	—
	CPPC8-□□□□-ND	7.09	6.08	4.46	405.00 1518.75 2700.00
	CPPC8-□□□□-ND	8.14	6.98	5.12	465.00 1743.75 3100.00
5	CPPC8-□□□□-ND	8.14	6.98	5.12	465.00 1743.75 3100.00
	CPPLT8-□□□□-ND	8.14	6.98	5.12	465.00 1743.75 3100.00
	CPPP8-□□□□-ND	7.09	6.08	4.46	412.50 1546.88 2750.00
	CPPP8-□□□□-ND	8.14	6.98	5.12	472.50 1771.88 3150.00
	CPPP8-□□□□-ND	8.14	6.98	5.12	472.50 1771.88 3150.00
	CPPP8-□□□□-ND	8.14	6.98	5.12	472.50 1771.88 3150.00

FIPO™ Programmable (Blank) Oscillators

FX5X7-ND	5x7 Ceramic SMD, ±25ppm	\$5.81	X1FS15-ND	Full Size, ±50ppm or ±100ppm	\$4.73
LX1FS-ND	Full Size, ±50ppm or ±100ppm	\$5.43	X4HS2-ND	Half Size, ±25ppm	\$5.43
LX4HS-ND	Half Size, ±50ppm or ±100ppm	\$5.43	X4HS15-ND	Half Size, ±50ppm or ±100ppm	\$4.73
LX5-ND	3.2 x 5mm SMD, ±50ppm or ±100ppm	\$6.85	SX72-ND	5x7 Ceramic SMD, ±25ppm	\$4.73
LX7-ND	5x7 Ceramic SMD, ±50ppm or 100ppm	\$5.04	SX715-ND	5x7 Ceramic SMD, ±50ppm or 100ppm	\$4.38
LX8-ND	Plastic SMD J-Head, ±50ppm or ±100ppm	\$5.43	X8J2-ND	Plastic SMD, ±25ppm SMD	\$5.43
X1FS2-ND	Full Size, ±25ppm	\$5.43	X8J15-ND	Plastic SMD, ±50ppm or ±100ppm	\$4.73

Programmers and Adapter Sockets

PG-3000-ND	PC Based Programmer for FIPO Parts	\$489.00
SC-5320-ND	Socket for 5mm x 3.2mm Oscillators (use with PG-3000, PG3100 and PG2000P)	\$47.25
SC2000-ND	Socket for 5mm x 7mm Ceramic Oscillators (use with PG-3000, PG3100 and PG2000P)	\$47.38
SC2500-ND	Socket for Style 8 Plastic Oscillators (use with PG-3000, PG3100 and PG2000P)	\$88.00

Note: For Programmer features and system requirements, please see appropriate data sheets on Digi-Key website.

High Reliability Oscillators, VCXOs, TCXOs and TCVXOs

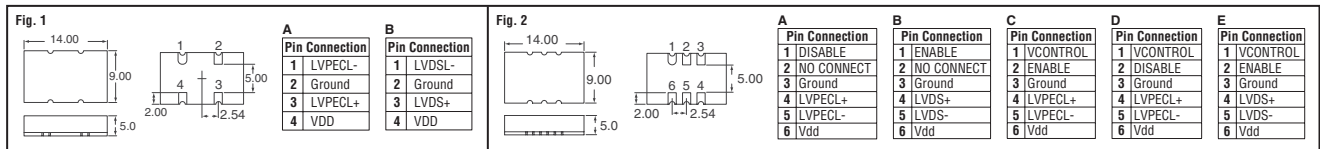


Fig.	Output Type	Frequency (MHz)	Digi-Key Part No.	1	5	10	Cardinal Components Part No.
Oscillators							
1A	LVPECL	155.520	370-1000-ND	60.00	48.00	45.61	CFE4-A7BP-155.52
		156.250	370-1001-ND	60.00	48.00	45.61	CFE4-A7BP-156.25
		212.500	370-1002-ND	60.00	48.00	45.61	CFE4-A7BP-212.5
		311.040	370-1003-ND	72.50	58.00	55.11	CFE4-A7BP-311.04
		622.080	370-1004-ND	72.50	58.00	55.11	CFE4-A7BP-622.08
		155.520	370-1005-ND	60.00	48.00	45.61	CFL4-A7BP-155.52
		156.250	370-1006-ND	60.00	48.00	45.61	CFL4-A7BP-156.25
1B	LVDS	212.500	370-1007-ND	60.00	48.00	45.61	CFL4-A7BP-212.5
		311.040	370-1008-ND	72.50	58.00	55.11	CFL4-A7BP-311.04
		622.080	370-1009-ND	72.50	58.00	55.11	CFL4-A7BP-622.08
		155.520	370-1010-ND	60.00	48.00	45.61	CFED-A7BP-155.52TS
		156.250	370-1011-ND	60.00	48.00	45.61	CFED-A7BP-156.25TS
		212.500	370-1012-ND	60.00	48.00	45.61	CFED-A7BP-212.5TS
		311.040	370-1013-ND	72.50	58.00	55.11	CFED-A7BP-311.04TS
2A	LVPECL	622.080	370-1014-ND	72.50	58.00	55.11	CFED-A7BP-622.08TS
		155.520	370-1015-ND	60.00	48.00	45.61	CFL-A7BP-155.52TS
		156.250	370-1016-ND	60.00	48.00	45.61	CFL-A7BP-156.25TS
		212.500	370-1017-ND	60.00	48.00	45.61	CFL-A7BP-212.5TS
		311.040	370-1018-ND	72.50	58.00	55.11	CFL-A7BP-311.04TS
		622.080	370-1019-ND	72.50	58.00	55.11	CFL-A7BP-622.08TS
		2C	LVPECL	155.520	370-1020-ND	65.00	52.00
156.250	370-1021-ND			65.00	52.00	49.41	CFVE-A7BP-156.25TS
212.500	370-1022-ND			65.00	52.00	49.41	CFVE-A7BP-212.5TS
311.040	370-1023-ND			77.50	62.00	58.91	CFVE-A7BP-311.04TS

Fig.	Output Type	Frequency (MHz)	Digi-Key Part No.	1	5	10	Cardinal Components Part No.
2C	LVPECL	622.080	370-1024-ND	77.50	62.00	58.91	CFVE-A7BP-622.08TS
		155.520	370-1025-ND	65.00	52.00	49.41	CFVED-A7BP-155.52TS
		156.250	370-1026-ND	65.00	52.00	49.41	CFVED-A7BP-156.25TS
		212.500	370-1027-ND	65.00	52.00	49.41	CFVED-A7BP-212.5TS
		311.040	370-1028-ND	77.50	62.00	58.91	CFVED-A7BP-311.04TS
		622.080	370-1029-ND	77.50	62.00	58.91	CFVED-A7BP-622.08TS
		155.520	370-1030-ND	65.00	52.00	49.41	CFVL-A7BP-155.52TS
2D	LVPECL	156.250	370-1031-ND	65.00	52.00	49.41	CFVL-A7BP-156.25TS
		212.500	370-1032-ND	65.00	52.00	49.41	CFVL-A7BP-212.5TS
		311.040	370-1033-ND	77.50	62.00	58.91	CFVL-A7BP-311.04TS
		622.080	370-1034-ND	77.50	62.00	58.91	CFVL-A7BP-622.08TS
		155.520	370-1035-ND	72.50	58.00	55.11	CTED-A5B3-155.52TS
		311.040	370-1038-ND	85.00	68.00	64.61	CTED-A5B3-311.04TS
		622.080	370-1039-ND	85.00	68.00	64.61	CTED-A5B3-622.08TS
2E	LVDS	155.520	370-1040-ND	72.50	58.00	55.11	CTL-A5B3-155.52TS
		311.040	370-1043-ND	85.00	68.00	64.61	CTL-A5B3-311.04TS
		622.080	370-1044-ND	85.00	68.00	64.61	CTL-A5B3-622.08TS
		155.520	370-1045-ND	72.50	58.00	55.11	CTVED-A5B3-155.52TS
		311.040	370-1048-ND	85.00	68.00	64.61	CTVED-A5B3-311.04TS
		622.080	370-1049-ND	85.00	68.00	64.61	CTVED-A5B3-622.08TS
		155.520	370-1050-ND	72.50	58.00	55.11	CTVL-A5B3-155.52TS
2E	LVDS	311.040	370-1053-ND	85.00	68.00	64.61	CTVL-A5B3-311.04TS
		622.080	370-1054-ND	85.00	68.00	64.61	CTVL-A5B3-622.08TS

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

More Product Available Online: www.digikey.com

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380