

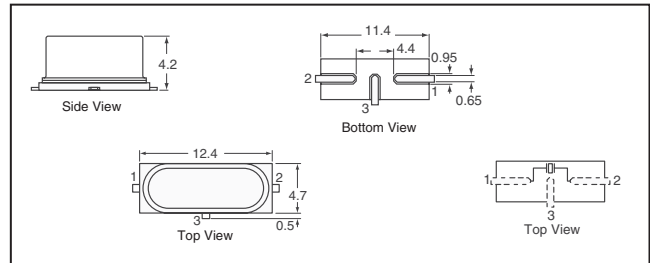
ECS INC. Thru-Hole Oscillators (Cont.)

Fig.	Frequency (MHz)	Digi-Key Part No.	Price Each				ECS Part No.	
			1	10	100	500		
1B	18.432000	XC250-ND	1.48	1.33	1.07	.95	ECS-2100A-184	
	19.660800	XC251-ND	1.48	1.33	1.07	.95	ECS-2100A-196.6	
	20.000000	X220-ND	1.48	1.33	1.07	.95	ECS-2100A-200	
	24.000000	X221-ND	1.48	1.33	1.07	.95	ECS-2100A-240	
	25.000000	XC252-ND	1.48	1.33	1.07	.95	ECS-2100A-250	
	25.175000	X222-ND	1.48	1.33	1.07	.95	ECS-2100A-251.7	
	28.322000	X223-ND	1.48	1.33	1.07	.95	ECS-2100A-283.2	
	30.000000	XC253-ND	1.48	1.33	1.07	.95	ECS-2100A-300	
	32.000000	XC254-ND	1.48	1.33	1.07	.95	ECS-2100A-320	
	32.514000	X224-ND	1.48	1.33	1.07	.95	ECS-2100A-325.1	
	35.000000	XC255-ND	1.48	1.33	1.07	.95	ECS-2100A-350	
	40.000000	X225-ND	1.48	1.33	1.07	.95	ECS-2100A-400	
	48.000000	XC256-ND	1.48	1.33	1.07	.95	ECS-2100A-480	
	50.000000	X226-ND	1.48	1.33	1.07	.95	ECS-2100A-500	
	64.000000	XC257-ND	1.48	1.33	1.07	.95	ECS-2100A-640	
	66.666000	XC258-ND	1.48	1.33	1.07	.95	ECS-2100A-666	
ECS-2100AX Half Size Oscillators, 5.0V, 0°C - 70°C, ±100ppm — RoHS Compliant								
1B	3.686400	XC1158-ND	1.48	1.33	1.07	.95	ECS-2100AX-036	
	4.000000	X960-ND	1.48	1.33	1.07	.95	ECS-2100AX-040	
	4.915200	XC1159-ND	1.48	1.33	1.07	.95	ECS-2100AX-049	
	7.372800	X961-ND	1.48	1.33	1.07	.95	ECS-2100AX-073.7	
	8.000000	X962-ND	1.48	1.33	1.07	.95	ECS-2100AX-080	
	9.216000	XC1160-ND	1.48	1.33	1.07	.95	ECS-2100AX-092.1	
	9.830400	XC1161-ND	1.48	1.33	1.07	.95	ECS-2100AX-098.3	
	10.000000	XC1162-ND	1.48	1.33	1.07	.95	ECS-2100AX-100	
	11.059200	XC1163-ND	1.48	1.33	1.07	.95	ECS-2100AX-110.5	
	12.000000	XC1164-ND	1.48	1.33	1.07	.95	ECS-2100AX-120	
	14.745600	XC1165-ND	1.48	1.33	1.07	.95	ECS-2100AX-147.4	
	16.000000	X963-ND	1.48	1.33	1.07	.95	ECS-2100AX-160	
	18.432000	XC1166-ND	1.48	1.33	1.07	.95	ECS-2100AX-184	
	19.660800	XC1167-ND	1.48	1.33	1.07	.95	ECS-2100AX-196.6	
	20.000000	X964-ND	1.48	1.33	1.07	.95	ECS-2100AX-200	
	28.322000	X965-ND	1.48	1.33	1.07	.95	ECS-2100AX-283.2	
	30.000000	XC1168-ND	1.48	1.33	1.07	.95	ECS-2100AX-300	
	40.000000	X966-ND	1.48	1.33	1.07	.95	ECS-2100AX-400	
	48.000000	XC1169-ND	1.48	1.33	1.07	.95	ECS-2100AX-480	
	50.000000	X967-ND	1.48	1.33	1.07	.95	ECS-2100AX-500	
	ECS-100A Full Size Oscillators, 5.0V, 0°C - 70°C, ±100ppm							
	2	1.000000	X101-ND	1.30	1.17	.94	.84	ECS-100A-010
		1.228800	X102-ND	1.30	1.17	.94	.84	ECS-100A-012.2
		1.843200	X103-ND	1.30	1.17	.94	.84	ECS-100A-018
2.000000		X104-ND	1.30	1.17	.94	.84	ECS-100A-020	
2.457600		X105-ND	1.30	1.17	.94	.84	ECS-100A-024	
3.579545		XC227-ND	1.30	1.17	.94	.84	ECS-100A-035	
3.686400		X106-ND	1.30	1.17	.94	.84	ECS-100A-036	
4.000000		X107-ND	1.30	1.17	.94	.84	ECS-100A-040	
4.915200		X108-ND	1.30	1.17	.94	.84	ECS-100A-049	
5.000000		X109-ND	1.30	1.17	.94	.84	ECS-100A-050	
5.068800		X110-ND	1.30	1.17	.94	.84	ECS-100A-051	
6.000000		X111-ND	1.30	1.17	.94	.84	ECS-100A-060	
6.144000		X122-ND	1.30	1.17	.94	.84	ECS-100A-061	
7.372800		X123-ND	1.30	1.17	.94	.84	ECS-100A-073	
8.000000		X112-ND	1.30	1.17	.94	.84	ECS-100A-080	
9.216000		X113-ND	1.30	1.17	.94	.84	ECS-100A-092.1	
9.830400		X124-ND	1.30	1.17	.94	.84	ECS-100A-098.3	
10.000000		X114-ND	1.30	1.17	.94	.84	ECS-100A-100	
11.059200		X125-ND	1.30	1.17	.94	.84	ECS-100A-110.5	
12.000000		X126-ND	1.30	1.17	.94	.84	ECS-100A-120	
14.318180		X115-ND	1.30	1.17	.94	.84	ECS-100A-143	
14.745600		X127-ND	1.30	1.17	.94	.84	ECS-100A-147.4	
16.000000		X116-ND	1.30	1.17	.94	.84	ECS-100A-160	
16.257000		X128-ND	1.30	1.17	.94	.84	ECS-100A-162.5	
18.000000		X117-ND	1.30	1.17	.94	.84	ECS-100A-180	
18.432000		X118-ND	1.30	1.17	.94	.84	ECS-100A-184	
19.660800		XC314-ND	1.30	1.17	.94	.84	ECS-100A-196.6	
20.000000		X119-ND	1.30	1.17	.94	.84	ECS-100A-200	
24.000000		X129-ND	1.30	1.17	.94	.84	ECS-100A-240	
25.000000		XC315-ND	1.30	1.17	.94	.84	ECS-100A-250	
25.175000		X130-ND	1.30	1.17	.94	.84	ECS-100A-251.7	
28.322000		X131-ND	1.30	1.17	.94	.84	ECS-100A-283.2	
30.000000		XC316-ND	1.30	1.17	.94	.84	ECS-100A-300	
32.000000		X132-ND	1.30	1.17	.94	.84	ECS-100A-320	
32.514000		X133-ND	1.30	1.17	.94	.84	ECS-100A-325.1	
35.000000		X134-ND	1.30	1.17	.94	.84	ECS-100A-350	
40.000000	X120-ND	1.30	1.17	.94	.84	ECS-100A-400		
48.000000	X135-ND	1.30	1.17	.94	.84	ECS-100A-480		
50.000000	X121-ND	1.30	1.17	.94	.84	ECS-100A-500		
64.000000	X136-ND	1.30	1.17	.94	.84	ECS-100A-640		
66.666000	XC228-ND	1.30	1.17	.94	.84	ECS-100A-666		
ECS-100AX Full Size Oscillators, 5.0V, 0°C - 70°C, ±100ppm — RoHS Compliant								
2	1.000000	X937-ND	1.30	1.17	.94	.84	ECS-100AX-010	
	1.228800	X938-ND	1.30	1.17	.94	.84	ECS-100AX-012.2	
	1.843200	X939-ND	1.30	1.17	.94	.84	ECS-100AX-018	

Fig.	Frequency (MHz)	Digi-Key Part No.	Price Each				ECS Part No.	
			1	10	100	500		
2	2.000000	X940-ND	1.30	1.17	.94	.84	ECS-100AX-020	
	3.579545	XC1154-ND	1.30	1.17	.94	.84	ECS-100AX-035	
	3.686400	X941-ND	1.30	1.17	.94	.84	ECS-100AX-036	
	4.000000	X942-ND	1.30	1.17	.94	.84	ECS-100AX-040	
	6.000000	X943-ND	1.30	1.17	.94	.84	ECS-100AX-060	
	6.144000	X952-ND	1.30	1.17	.94	.84	ECS-100AX-061	
	7.372800	X953-ND	1.30	1.17	.94	.84	ECS-100AX-073	
	8.000000	X944-ND	1.30	1.17	.94	.84	ECS-100AX-080	
	9.830400	X954-ND	1.30	1.17	.94	.84	ECS-100AX-098.3	
	10.000000	X945-ND	1.30	1.17	.94	.84	ECS-100AX-100	
	11.059200	X955-ND	1.30	1.17	.94	.84	ECS-100AX-110.5	
	14.318180	X946-ND	1.30	1.17	.94	.84	ECS-100AX-143	
	14.745600	X956-ND	1.30	1.17	.94	.84	ECS-100AX-147.4	
	16.000000	X947-ND	1.30	1.17	.94	.84	ECS-100AX-160	
	18.432000	X948-ND	1.30	1.17	.94	.84	ECS-100AX-184	
	3	19.660800	XC1155-ND	1.30	1.17	.94	.84	ECS-100AX-196.6
20.000000		X949-ND	1.30	1.17	.94	.84	ECS-100AX-200	
25.000000		XC1156-ND	1.30	1.17	.94	.84	ECS-100AX-250	
30.000000		XC1157-ND	1.30	1.17	.94	.84	ECS-100AX-300	
32.000000		X957-ND	1.30	1.17	.94	.84	ECS-100AX-320	
40.000000		X950-ND	1.30	1.17	.94	.84	ECS-100AX-400	
48.000000		X958-ND	1.30	1.17	.94	.84	ECS-100AX-480	
50.000000		X951-ND	1.30	1.17	.94	.84	ECS-100AX-500	
64.000000		X959-ND	1.30	1.17	.94	.84	ECS-100AX-640	
ECS-300C Dual Output Oscillators, 5.0V, -10°C - 70°C, ±100ppm								
3		12.000000	XC301-ND	3.71	3.09	2.47	1.99	ECS-300C-120
		12.800000	XC303-ND	3.71	3.09	2.47	1.99	ECS-300C-128
		14.318180	XC304-ND	3.71	3.09	2.47	1.99	ECS-300C-143
		18.432000	XC310-ND	3.71	3.09	2.47	1.99	ECS-300C-184
		20.000000	XC312-ND	3.71	3.09	2.47	1.99	ECS-300C-200
ECS-300CX Dual Output Oscillators, 5.0V, -10°C - 70°C, ±100ppm — RoHS Compliant								
3	12.000000	XC1170-ND	3.71	3.09	2.47	1.99	ECS-300CX-120	
	12.800000	XC1171-ND	3.71	3.09	2.47	1.99	ECS-300CX-128	

A463-ND Aries Electronics Inc. Half Size 4-Pin Oscillator Sockets..... /80/ 11.95/25 37.46/100
A462-ND Aries Electronics Inc. Full Size 4-Pin Oscillator Sockets..... /80/ 11.95/25 37.46/100

Quartz Crystals
CSM-7X-3L Series



Frequency (MHz)	Load Cap.	Digi-Key Part No.	Cut Tape Price Each			T & Rf Pricing 1,000	ECS Part No.
			1	10	100		
CSM-7X-3L-DS Extended Temperature, -40°C - 125°C, Case Ground							
3.579545	18pF	XC1490CT-ND	.73	.66	.55	363.83	ECS-35-18-5G3XDS-TR
3.686400	20pF	XC1491CT-ND	.73	.66	.55	363.83	ECS-36-20-5G3XDS-TR
4.000000	20pF	XC1492CT-ND	.73	.66	.55	363.83	ECS-40-20-5G3XDS-TR
6.000000	20pF	XC1493CT-ND	.73	.66	.55	363.83	ECS-60-20-5G3XDS-TR
8.000000	20pF	XC1494CT-ND	.73	.66	.55	363.83	ECS-80-20-5G3XDS-TR
10.000000	20pF	XC1496CT-ND	.73	.66	.55	363.83	ECS-100-20-5G3XDS-TR
11.059200	20pF	XC1497CT-ND	.73	.66	.55	363.83	ECS-110.5-20-5G3XDS-TR
12.000000	18pF	XC1498CT-ND	.73	.66	.55	363.83	ECS-120-18-5G3XDS-TR
12.000000	32pF	XC1499CT-ND	.73	.66	.55	363.83	ECS-120-32-5G3XDS-TR
12.288000	20pF	XC1500CT-ND	.73	.66	.55	363.83	ECS-122.8-20-5G3XDS-TR
14.318180	20pF	XC1501CT-ND	.73	.66	.55	363.83	ECS-143-20-5G3XDS-TR
14.745600	20pF	XC1502CT-ND	.73	.66	.55	363.83	ECS-147.4-20-5G3XDS-TR
16							