

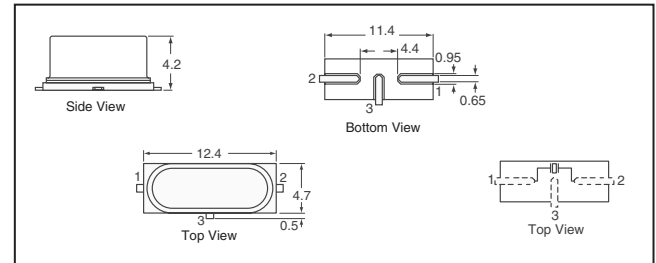
ECS INC. Thru-Hole Oscillators (Cont.)

Fig.	Frequency (MHz)	Digi-Key Part No.	Price Each				ECS Part No.
			1	10	100	500	
1B	18.432000	XC250-ND	1.71	1.54	1.23	1.09	ECS-2100A-184
	19.660800	XC251-ND	1.71	1.54	1.23	1.09	ECS-2100A-196.6
	20.000000	X220-ND	1.71	1.54	1.23	1.09	ECS-2100A-200
	24.000000	X221-ND	1.71	1.54	1.23	1.09	ECS-2100A-240
	25.000000	XC252-ND	1.71	1.54	1.23	1.09	ECS-2100A-250
	25.175000	X222-ND	1.71	1.54	1.23	1.09	ECS-2100A-251.7
	28.322000	X223-ND	1.71	1.54	1.23	1.09	ECS-2100A-283.2
	30.000000	XC253-ND	1.71	1.54	1.23	1.09	ECS-2100A-300
	32.000000	XC254-ND	1.71	1.54	1.23	1.09	ECS-2100A-320
	32.514000	X224-ND	1.71	1.54	1.23	1.09	ECS-2100A-325.1
	35.000000	XC255-ND	1.71	1.54	1.23	1.09	ECS-2100A-350
	40.000000	X225-ND	1.71	1.54	1.23	1.09	ECS-2100A-400
	48.000000	XC256-ND	1.71	1.54	1.23	1.09	ECS-2100A-480
	50.000000	X226-ND	1.71	1.54	1.23	1.09	ECS-2100A-500
	64.000000	XC257-ND	1.71	1.54	1.23	1.09	ECS-2100A-640
	66.666000	XC258-ND	1.71	1.54	1.23	1.09	ECS-2100A-666
	ECS-2100AX Half Size Oscillators, 5.0V, 0°C - 70°C, ±100ppm — RoHS Compliant						
	1B	3.686400	XC1158-ND	1.71	1.54	1.23	1.09
4.000000		X960-ND	1.71	1.54	1.23	1.09	ECS-2100AX-040
4.915200		XC1159-ND	1.71	1.54	1.23	1.09	ECS-2100AX-049
7.372800		X961-ND	1.71	1.54	1.23	1.09	ECS-2100AX-073.7
8.000000		X962-ND	1.71	1.54	1.23	1.09	ECS-2100AX-080
9.216000		XC1160-ND	1.71	1.54	1.23	1.09	ECS-2100AX-092.1
9.830400		XC1161-ND	1.71	1.54	1.23	1.09	ECS-2100AX-098.3
10.000000		XC1162-ND	1.71	1.54	1.23	1.09	ECS-2100AX-100
11.059200		XC1163-ND	1.71	1.54	1.23	1.09	ECS-2100AX-110.5
12.000000		XC1164-ND	1.71	1.54	1.23	1.09	ECS-2100AX-120
14.745600		XC1165-ND	1.71	1.54	1.23	1.09	ECS-2100AX-147.4
16.000000		X963-ND	1.71	1.54	1.23	1.09	ECS-2100AX-160
18.432000		XC1166-ND	1.71	1.54	1.23	1.09	ECS-2100AX-184
19.660800		XC1167-ND	1.71	1.54	1.23	1.09	ECS-2100AX-196.6
20.000000		X964-ND	1.71	1.54	1.23	1.09	ECS-2100AX-200
28.322000		X965-ND	1.71	1.54	1.23	1.09	ECS-2100AX-283.2
30.000000		XC1168-ND	1.71	1.54	1.23	1.09	ECS-2100AX-300
40.000000		X966-ND	1.71	1.54	1.23	1.09	ECS-2100AX-400
48.000000	XC1169-ND	1.71	1.54	1.23	1.09	ECS-2100AX-480	
50.000000	X967-ND	1.71	1.54	1.23	1.09	ECS-2100AX-500	
ECS-100A Full Size Oscillators, 5.0V, 0°C - 70°C, ±100ppm							
2	1.000000	X101-ND	1.51	1.36	1.09	.97	ECS-100A-010
	1.228800	X102-ND	1.51	1.36	1.09	.97	ECS-100A-012.2
	1.843200	X103-ND	1.51	1.36	1.09	.97	ECS-100A-018
	2.000000	X104-ND	1.51	1.36	1.09	.97	ECS-100A-020
	2.457600	X105-ND	1.51	1.36	1.09	.97	ECS-100A-024
	3.579545	XC227-ND	1.51	1.36	1.09	.97	ECS-100A-035
	3.686400	X106-ND	1.51	1.36	1.09	.97	ECS-100A-036
	4.000000	X107-ND	1.51	1.36	1.09	.97	ECS-100A-040
	4.915200	X108-ND	1.51	1.36	1.09	.97	ECS-100A-049
	5.000000	X109-ND	1.51	1.36	1.09	.97	ECS-100A-050
	5.068800	X110-ND	1.51	1.36	1.09	.97	ECS-100A-051
	6.000000	X111-ND	1.51	1.36	1.09	.97	ECS-100A-060
	6.144000	X122-ND	1.51	1.36	1.09	.97	ECS-100A-061
	7.372800	X123-ND	1.51	1.36	1.09	.97	ECS-100A-073
	8.000000	X112-ND	1.51	1.36	1.09	.97	ECS-100A-080
	9.216000	X113-ND	1.51	1.36	1.09	.97	ECS-100A-092.1
	9.830400	X124-ND	1.51	1.36	1.09	.97	ECS-100A-098.3
	10.000000	X114-ND	1.51	1.36	1.09	.97	ECS-100A-100
11.059200	X125-ND	1.51	1.36	1.09	.97	ECS-100A-110.5	
12.000000	X126-ND	1.51	1.36	1.09	.97	ECS-100A-120	
14.318180	X115-ND	1.51	1.36	1.09	.97	ECS-100A-143	
14.745600	X127-ND	1.51	1.36	1.09	.97	ECS-100A-147.4	
16.000000	X116-ND	1.51	1.36	1.09	.97	ECS-100A-160	
16.257000	X128-ND	1.51	1.36	1.09	.97	ECS-100A-162.5	
18.000000	X117-ND	1.51	1.36	1.09	.97	ECS-100A-180	
18.432000	X118-ND	1.51	1.36	1.09	.97	ECS-100A-184	
19.660800	XC314-ND	1.51	1.36	1.09	.97	ECS-100A-196.6	
20.000000	X119-ND	1.51	1.36	1.09	.97	ECS-100A-200	
24.000000	X129-ND	1.51	1.36	1.09	.97	ECS-100A-240	
25.000000	XC315-ND	1.51	1.36	1.09	.97	ECS-100A-250	
25.175000	X130-ND	1.51	1.36	1.09	.97	ECS-100A-251.7	
28.322000	X131-ND	1.51	1.36	1.09	.97	ECS-100A-283.2	
30.000000	XC316-ND	1.51	1.36	1.09	.97	ECS-100A-300	
32.000000	X132-ND	1.51	1.36	1.09	.97	ECS-100A-320	
32.514000	X133-ND	1.51	1.36	1.09	.97	ECS-100A-325.1	
35.000000	X134-ND	1.51	1.36	1.09	.97	ECS-100A-350	
40.000000	X120-ND	1.51	1.36	1.09	.97	ECS-100A-400	
48.000000	X135-ND	1.51	1.36	1.09	.97	ECS-100A-480	
50.000000	X121-ND	1.51	1.36	1.09	.97	ECS-100A-500	
64.000000	X136-ND	1.51	1.36	1.09	.97	ECS-100A-640	
66.666000	XC228-ND	1.51	1.36	1.09	.97	ECS-100A-666	
ECS-100AX Full Size Oscillators, 5.0V, 0°C - 70°C, ±100ppm — RoHS Compliant							
2	1.000000	X937-ND	1.51	1.36	1.09	.97	ECS-100AX-010
	1.228800	X938-ND	1.51	1.36	1.09	.97	ECS-100AX-012.2
	1.843200	X939-ND	1.51	1.36	1.09	.97	ECS-100AX-018

Fig.	Frequency (MHz)	Digi-Key Part No.	Price Each				ECS Part No.
			1	10	100	500	
2	2.000000	X940-ND	1.51	1.36	1.09	.97	ECS-100AX-020
	3.579545	XC1154-ND	1.51	1.36	1.09	.97	ECS-100AX-035
	3.686400	X941-ND	1.51	1.36	1.09	.97	ECS-100AX-036
	4.000000	X942-ND	1.51	1.36	1.09	.97	ECS-100AX-040
	6.000000	X943-ND	1.51	1.36	1.09	.97	ECS-100AX-060
	6.144000	X952-ND	1.51	1.36	1.09	.97	ECS-100AX-061
	7.372800	X953-ND	1.51	1.36	1.09	.97	ECS-100AX-073
	8.000000	X944-ND	1.51	1.36	1.09	.97	ECS-100AX-080
	9.830400	X954-ND	1.51	1.36	1.09	.97	ECS-100AX-098.3
	10.000000	X945-ND	1.51	1.36	1.09	.97	ECS-100AX-100
	11.059200	X955-ND	1.51	1.36	1.09	.97	ECS-100AX-110.5
	14.318180	X946-ND	1.51	1.36	1.09	.97	ECS-100AX-143
	14.745600	X956-ND	1.51	1.36	1.09	.97	ECS-100AX-147.4
	16.000000	X947-ND	1.51	1.36	1.09	.97	ECS-100AX-160
	18.432000	X948-ND	1.51	1.36	1.09	.97	ECS-100AX-184
	19.660800	XC1155-ND	1.51	1.36	1.09	.97	ECS-100AX-196.6
	20.000000	X949-ND	1.51	1.36	1.09	.97	ECS-100AX-200
	25.000000	XC1156-ND	1.51	1.36	1.09	.97	ECS-100AX-250
30.000000	XC1157-ND	1.51	1.36	1.09	.97	ECS-100AX-300	
32.000000	X957-ND	1.51	1.36	1.09	.97	ECS-100AX-320	
40.000000	X950-ND	1.51	1.36	1.09	.97	ECS-100AX-400	
48.000000	X958-ND	1.51	1.36	1.09	.97	ECS-100AX-480	
50.000000	X951-ND	1.51	1.36	1.09	.97	ECS-100AX-500	
64.000000	X959-ND	1.51	1.36	1.09	.97	ECS-100AX-640	
ECS-300C Dual Output Oscillators, 5.0V, -10°C - 70°C, ±100ppm							
3	12.000000	XC301-ND	4.28	3.57	2.86	2.30	ECS-300C-120
	12.800000	XC303-ND	4.28	3.57	2.86	2.30	ECS-300C-128
	14.318180	XC304-ND	4.28	3.57	2.86	2.30	ECS-300C-143
	18.432000	XC310-ND	4.28	3.57	2.86	2.30	ECS-300C-184
	20.000000	XC312-ND	4.28	3.57	2.86	2.30	ECS-300C-200
	32.000000	XC313-ND	4.28	3.57	2.86	2.30	ECS-300C-320
ECS-300CX Dual Output Oscillators, 5.0V, -10°C - 70°C, ±100ppm — RoHS Compliant							
3	12.000000	XC1170-ND	4.28	3.57	2.86	2.30	ECS-300CX-120
	12.800000	XC1171-ND	4.28	3.57	2.86	2.30	ECS-300CX-128

A463-ND Aries Electronics Inc. Half Size 4-Pin Oscillator Sockets..... /92/1 13.81/25 43.28/100
A462-ND Aries Electronics Inc. Full Size 4-Pin Oscillator Sockets..... /92/1 13.81/25 43.28/100

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	.84	.76	.64	420.42	ECS-35-18-5G3XDS-TR
3.686400	20pF	XC1491CT-ND	.84	.76	.64	420.42	ECS-36-20-5G3XDS-TR
4.000000	20pF	XC1492CT-ND	.84	.76	.64	420.42	ECS-40-20-5G3XDS-TR
6.000000	20pF	XC1493CT-ND	.84	.76	.64	420.42	ECS-60-20-5G3XDS-TR
8.000000	20pF	XC1494CT-ND	.84	.76	.64	420.42	ECS-80-20-5G3XDS-TR
10.000000	20pF	XC1496CT-ND	.84	.76	.64	420.42	ECS-100-20-5G3XDS-TR
11.059200	20pF	XC1497CT-ND	.84	.76	.64	420.42	ECS-110.5-20-5G3XDS-TR
12.000000	18pF	XC1498CT-ND	.84	.76	.64	420.42	ECS-120-18-5G3XDS-TR
12.000000	32pF	XC1499CT-ND	.84	.76	.64	420.42	ECS-120-32-5G3XDS-TR
12.288000	20pF	XC1500CT-ND	.84	.76	.64	420.42	ECS-122.8-20-5G3XDS-TR
14.318180	20pF	XC1501CT-ND	.84	.76	.64	420.42	ECS-143-20-5G3XDS-TR
14.745600	20pF	XC1502CT-ND	.84	.76	.64	420.42	ECS-147.4-20-5G3XDS-TR
16.000000	20pF	XC1503CT-ND	.84	.76	.64	420.42	ECS-160-20-5G3XDS-TR
18.432000	20pF	XC1504CT-ND	.84	.76	.64	420.42	ECS-184-20-5G3XDS-TR
20.000000	20pF	XC1505CT-ND	.84	.76	.64	420.42	ECS-200-20-5G3XDS-TR
24.000000	20pF	XC1506CT-ND	.84	.76	.64	420.42	ECS-240-20-5G3XDS-TR
24.576000	20pF	XC1507CT-ND	.84	.76	.64	420.42	ECS-245.7-20-5G3XDS-TR
25.000000	20pF	XC1508CT-ND	.84	.76	.64	420.42	ECS-250-20-5G3XDS-F-TR
27.000000	20pF	XC1509CT-ND	.84	.76	.64	420.42	ECS-270-20-5G3XDS-F-TR

† For Tape and Reel part number, change CT-ND to TR-ND. (Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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