



Quartz Crystals
CSM-7 Series, SMD, Low Profile (Cont.)



Frequency (MHz)	Load Cap.	Digi-Key Part No.	Cut Tape Price Each			T & R† Pricing 1,000	ECS Part No.
			1	10	100		
7.372800	Series	XC1242CT-ND	.45	.40	.28	168.17	ECS-73-S-5PX-TR
7.372800	20pF	XC1270CT-ND	.45	.40	.28	168.17	ECS-73-20-5PX-TR
8.000000	Series	XC1243CT-ND	.45	.40	.28	168.17	ECS-80-S-5PX-TR
8.000000	18pF	XC1271CT-ND	.45	.40	.28	168.17	ECS-80-18-5PX-TR
8.000000	32pF	XC1272CT-ND	.45	.40	.28	168.17	ECS-80-32-5PX-TR
9.216000	Series	XC1273CT-ND	.45	.40	.28	168.17	ECS-92.1-S-5PX-TR
9.216000	20pF	XC1274CT-ND	.45	.40	.28	168.17	ECS-92.1-20-5PX-TR
9.830400	Series	XC1244CT-ND	.45	.40	.28	168.17	ECS-98.3-S-5PX-TR
9.830400	20pF	XC1245CT-ND	.45	.40	.28	168.17	ECS-98.3-20-5PX-TR
10.000000	Series	XC1246CT-ND	.45	.40	.28	168.17	ECS-100-S-5PX-TR
10.000000	18pF	XC1288CT-ND	.45	.40	.28	168.17	ECS-100-18-5PX-TR
10.245000	16pF	XC1004CT-ND	.45	.40	.28	168.17	ECS-102.45-16-5PX-TR
11.059200	Series	XC1247CT-ND	.45	.40	.28	168.17	ECS-110.5-S-5PX-TR
11.059200	20pF	XC1248CT-ND	.45	.40	.28	168.17	ECS-110.5-20-5PX-TR
11.059200	32pF	XC1275CT-ND	.45	.40	.28	168.17	ECS-110.5-32-5PX-TR
12.000000	Series	XC1249CT-ND	.45	.40	.28	168.17	ECS-120-S-5PX-TR
12.000000	18pF	XC1289CT-ND	.45	.40	.28	168.17	ECS-120-18-5PX-TR
12.000000	32pF	XC1276CT-ND	.45	.40	.28	168.17	ECS-122.8-S-5PX-TR
12.288000	Series	XC1277CT-ND	.45	.40	.28	168.17	ECS-122.8-S-5PX-TR
12.288000	20pF	XC1278CT-ND	.45	.40	.28	168.17	ECS-122.8-20-5PX-TR
13.560000	12pF	XC1003CT-ND	.45	.40	.28	168.17	ECS-135.6-12-5PX-TR
14.318180	20pF	XC1290CT-ND	.45	.40	.28	168.17	ECS-143-20-5PX-TR
14.745600	Series	XC1279CT-ND	.45	.40	.28	168.17	ECS-147.4-S-5PX-TR
14.745600	20pF	XC1280CT-ND	.45	.40	.28	168.17	ECS-147.4-20-5PX-TR
15.000000	Series	XC1281CT-ND	.45	.40	.28	168.17	ECS-150-S-5PX-TR
16.000000	Series	XC1251CT-ND	.45	.40	.28	168.17	ECS-160-S-5PX-TR
16.000000	20pF	XC1282CT-ND	.45	.40	.28	168.17	ECS-160-20-5PX-TR
16.000312	18pF	XC1283CT-ND	.45	.40	.28	168.17	ECS-160.003-18-5PX-TR
18.000000	Series	XC1284CT-ND	.45	.40	.28	168.17	ECS-180-S-5PX-TR
18.432000	Series	XC1252CT-ND	.45	.40	.28	168.17	ECS-184-S-5PX-TR
18.432000	18pF	XC1285CT-ND	.45	.40	.28	168.17	ECS-184-18-5PX-TR
18.432000	20pF	XC1286CT-ND	.45	.40	.28	168.17	ECS-184-20-5PX-TR
19.668000	20pF	XC1287CT-ND	.45	.40	.28	168.17	ECS-196.6-20-5PX-TR
20.000000	Series	XC1253CT-ND	.45	.40	.28	168.17	ECS-200-S-5PX-TR
20.000000	16pF	XC1291CT-ND	.45	.40	.28	168.17	ECS-200-16-5PX-TR
20.000000	20pF	XC1254CT-ND	.45	.40	.28	168.17	ECS-200-20-5PX-TR
24.000000	12pF	XC1001CT-ND	.45	.40	.28	168.17	ECS-240-12-5PX-TR
24.000000	16pF	XC1256CT-ND	.45	.40	.28	168.17	ECS-240-16-5PX-TR
24.000000	20pF	XC1255CT-ND	.45	.40	.28	168.17	ECS-240-20-5PX-TR
24.576000	20pF	XC1304CT-ND	.45	.40	.28	168.17	ECS-245.7-20-5PX-TR
25.000000	18pF	XC1305CT-ND	.45	.40	.28	168.17	ECS-250-18-5PX-F-TR
27.000000	18pF	XC1002CT-ND	.45	.40	.28	168.17	ECS-270-18-5PX-F-TR
48.000000	20pF	XC1306CT-ND	.45	.40	.28	168.17	ECS-480-20-5PX-TR
CSM-7SSX Low Profile, -10°C ~ 70°C — RoHS Compliant							
3.579545	18pF	XC1588CT-ND	.82	.74	.62	408.41	ECS-35-18-5PVX
3.686400	20pF	XC1589CT-ND	.82	.74	.62	408.41	ECS-36-20-5PVX
4.000000	20pF	XC1590CT-ND	.82	.74	.62	408.41	ECS-40-20-5PVX
6.000000	20pF	XC1591CT-ND	.82	.74	.62	408.41	ECS-60-20-5PVX
8.000000	20pF	XC1592CT-ND	.82	.74	.62	408.41	ECS-80-20-5PVX
9.830400	20pF	XC1593CT-ND	.82	.74	.62	408.41	ECS-98.3-20-5PVX
10.000000	20pF	XC1594CT-ND	.82	.74	.62	408.41	ECS-100-20-5PVX
11.059200	20pF	XC1595CT-ND	.82	.74	.62	408.41	ECS-110.5-20-5PVX
12.000000	18pF	XC1596CT-ND	.82	.74	.62	408.41	ECS-120-18-5PVX
12.000000	32pF	XC1597CT-ND	.82	.74	.62	408.41	ECS-120-32-5PVX
12.288000	20pF	XC1598CT-ND	.82	.74	.62	408.41	ECS-122.8-20-5PVX
14.318180	20pF	XC1599CT-ND	.82	.74	.62	408.41	ECS-143-20-5PVX
14.745600	20pF	XC1600CT-ND	.82	.74	.62	408.41	ECS-147.4-20-5PVX
16.000000	20pF	XC1601CT-ND	.82	.74	.62	408.41	ECS-160-20-5PVX
18.432000	20pF	XC1602CT-ND	.82	.74	.62	408.41	ECS-184-20-5PVX
20.000000	20pF	XC1603CT-ND	.82	.74	.62	408.41	ECS-200-20-5PVX
24.000000	20pF	XC1604CT-ND	.82	.74	.62	408.41	ECS-240-20-5PVX
24.576000	20pF	XC1605CT-ND	.82	.74	.62	408.41	ECS-245.7-20-5PVX
25.000000	20pF	XC1606CT-ND	.82	.74	.62	408.41	ECS-250-20-5PVX
27.000000	20pF	XC1607CT-ND	.82	.74	.62	408.41	ECS-270-20-5PVX
CSM-7 for Melexis and Other RF Applications, -10°C ~ 70°C							
7.150500	12pF	XC871-ND‡	1.56	1.41	1.18	—	ECS-071.505-CD-0370
9.843800	12pF	XC872-ND‡	1.56	1.41	1.18	—	ECS-098.438-CD-0371
13.062500	12pF	XC873-ND‡	1.56	1.41	1.18	—	ECS-130.625-CD-0373
13.560000	12pF	XC874-ND‡	1.56	1.41	1.18	—	ECS-135.600-CD-0374
20.356300	12pF	XC875-ND‡	1.56	1.41	1.18	—	ECS-203.563-CD-0375
22.627800	12pF	XC876-ND‡	1.56	1.41	1.18	—	ECS-226.278-CD-0376
23.264300	12pF	XC877-ND‡	1.56	1.41	1.18	—	ECS-232.643-CD-0377
23.512200	12pF	XC878-ND‡	1.56	1.41	1.18	—	ECS-235.122-CD-0378
25.223500	12pF	XC879-ND‡	1.56	1.41	1.18	—	ECS-252.235-CD-0379
25.456300	12pF	XC880-ND‡	1.56	1.41	1.18	—	ECS-254.563-CD-0380
26.451300	12pF	XC881-ND‡	1.56	1.41	1.18	—	ECS-264.513-CD-0381
26.597100	12pF	XC882-ND‡	1.56	1.41	1.18	—	ECS-265.971-CD-0382
27.134400	12pF	XC883-ND‡	1.56	1.41	1.18	—	ECS-271.344-CD-0383
27.468800	12pF	XC884-ND‡	1.56	1.41	1.18	—	ECS-274.688-CD-0384
28.259400	12pF	XC885-ND‡	1.56	1.41	1.18	—	ECS-282.594-CD-0385
28.593800	12pF	XC886-ND‡	1.56	1.41	1.18	—	ECS-285.938-CD-0386
CSM-7X for Melexis and Other RF Applications, -10°C ~ 70°C — RoHS Compliant							
4.897000	20pF	XC1023CT-ND	1.56	1.41	1.18	780.78	ECS-48.97-CDX-0065-TR
6.498300	20pF	XC1024CT-ND	1.56	1.41	1.18	780.78	ECS-64.983-CDX-0066-TR
6.745800	20pF	XC1025CT-ND	1.56	1.41	1.18	780.78	ECS-67.458-CDX-0068-TR
7.150500	12pF	XC1355-ND‡	1.56	1.41	1.18	—	ECS-071.505-CDX-0370
9.843750	10pF	XC1026CT-ND	1.56	1.41	1.18	780.78	ECS-98.4375-CDX-0314-TR
9.843800	12pF	XC1356-ND‡	1.56	1.41	1.18	—	ECS-098.438-CDX-0371
13.062500	12pF	XC1357-ND‡	1.56	1.41	1.18	—	ECS-130.625-CDX-0373
13.560000	10pF	XC1027CT-ND	1.56	1.41	1.18	780.78	ECS-135.60-CDX-0317-TR
13.560000	12pF	XC1358-ND‡	1.56	1.41	1.18	—	ECS-135.600-CDX-0374
20.356300	12pF	XC1359-ND‡	1.56	1.41	1.18	—	ECS-203.563-CDX-0375
22.627800	12pF	XC1360-ND‡	1.56	1.41	1.18	—	ECS-226.278-CDX-0376

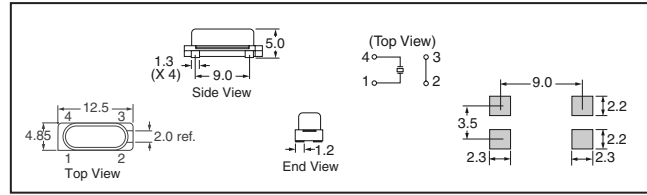
Frequency (MHz)	Load Cap.	Digi-Key Part No.	Cut Tape Price Each			T & R† Pricing 1,000	ECS Part No.
			1	10	100		
23.264300	12pF	XC1361-ND‡	1.56	1.41	1.18	—	ECS-232.643-CDX-0377
23.512200	12pF	XC1362-ND‡	1.56	1.41	1.18	—	ECS-235.122-CDX-0378
25.223500	12pF	XC1363-ND‡	1.56	1.41	1.18	—	ECS-252.235-CDX-0379
25.456300	12pF	XC1364-ND‡	1.56	1.41	1.18	—	ECS-254.563-CDX-0380
26.451300	12pF	XC1365-ND‡	1.56	1.41	1.18	—	ECS-264.513-CDX-0381
26.597100	12pF	XC1366-ND‡	1.56	1.41	1.18	—	ECS-265.971-CDX-0382
27.134400	12pF	XC1367-ND‡	1.56	1.41	1.18	—	ECS-271.344-CDX-0383
27.468800	12pF	XC1368-ND‡	1.56	1.41	1.18	—	ECS-274.688-CDX-0384
28.259400	12pF	XC1369-ND‡	1.56	1.41	1.18	—	ECS-282.594-CDX-0385
28.593800	12pF	XC1370-ND‡	1.56	1.41	1.18	—	ECS-285.938-CDX-0386

† For Tape and Reel part number, change CT-ND to TR-ND.
‡ Due to manufacturer, product may come Cut Tape or Bulk § 3rd Overtone

CSM-4A Series, SMD, Low Profile



Electrical Specifications: • The CSM-4A is also pin-out compatible with the Epson MA-506 • Frequency Tolerance: ±30ppm • Operating Mode: Fundamental • Shunt Capacitance: 7pF • Storage Temperature: -30°C ~ 85°C • Operating Temperature: -10°C ~ 70°C • Drive Level: 500µW



Frequency (MHz)	Load Cap.	Digi-Key Part No.	Cut Tape Price Each			Tape & Reel Pricing† 1,000	ECS Part No.
			1	10	100		
CSM-4A							
3.579545	17pF	XC747CT-ND	1.08	1.00	.82	540.54	ECS-35-17-28A-TR
3.686400	20pF	XC748CT-ND	1.08	1.00	.82	540.54	ECS-36-20-28A-TR
4.000000	20pF	XC749CT-ND	1.08	1.00	.82	540.54	ECS-40-20-28A-TR
4.915200	20pF	XC751CT-ND	1.08	1.00	.82	540.54	ECS-49-20-28A-TR
5.000000	20pF	XC750CT-ND	1.08	1.00	.82	540.54	ECS-50-20-28A-TR
6.000000	32pF	XC752CT-ND	1.08	1.00	.82	540.54	ECS-60-32-28A-TR
7.372800	20pF	XC753CT-ND	1.08	1.00	.82	540.54	ECS-73-20-28A-TR
8.000000	16pF	XC754CT-ND	1.08	1.00	.82	540.54	ECS-80-16-28A-TR
9.830400	20pF	XC778CT-ND	1.08	1.00	.82	540.54	ECS-98-30-28A-TR
10.000000	Series	XC755CT-ND	1.08	1.00	.82	540.54	ECS-100-S-28A-TR
10.000000	20pF	XC756CT-ND	1.08	1.00	.82	540.54	ECS-100-20-28A-TR
11.059200	Series	XC757CT-ND	1.08	1.00	.82	540.54	ECS-110.5-S-28A-TR
11.059200	20pF	XC758CT-ND	1.08	1.00	.82	540.54	ECS-110.5-20-28A-TR
12.000000	Series	XC760CT-ND	1.08	1.00	.82	540.54	ECS-120-S-28A-TR
12.000000	18pF	XC759CT-ND	1.08	1.00	.82	540.54	ECS-120-18-28A-TR
12.000000	32pF	XC761CT-ND	1.08	1.00	.82	540.54	ECS-120-32-28A-TR
12.288000	20pF	XC762CT-ND	1.08	1.00	.82	540.54	ECS-122.8-20-28A-TR
14.318180	Series	XC764CT-ND	1.08	1.00	.82	540.54	ECS-143-S-28A-TR
14.318180	20pF	XC763CT-ND	1.08	1.00	.82	540.54	ECS-143-20-28A-TR
14.745600	Series</						