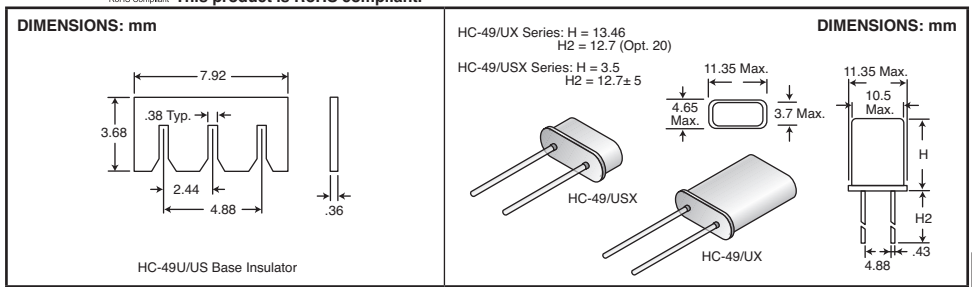


ECS HC49 Microprocessor Crystals



ECS HC-49U/US BASE INSULATOR, HC-49/U AND HC-49/US

- Frequency tolerance: ±30ppm
- Shunt capacitance: 7.0pF
- Load capacitance: specified or series
- Operating temperature Range: -10°C to +70°C
- Storage temperature: -30°C to +85°C
- Cost effective
- Excellent aging
- Wide frequency range
- Excellent reliability



HC-49/UX

- "AT" cut crystal

HC-49USX

- Industrial range: -40°C to +85°C (±50ppm)
- "AT strip" blank technology
- Low profile



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ECS Part No.	Frequency (MHz)	Load Cap.	Price Each			
				1	10	100	500
520-HCA100-13X	ECS-10-13-1X	1.000000	13pF	12.88	11.50	10.30	9.66
520-HCA184-SX	ECS-18-S-1X	1.843200	Series	1.38	1.24	1.10	.97
520-HCA184-13X	ECS-18-13-1X	1.843200	13pF	1.38	1.24	1.10	.97
520-HCA200-SX	ECS-20-S-1X	2.000000	Series	1.38	1.24	1.10	.97
520-HCA200-20X	ECS-20-20-1X	2.000000	20pF	1.38	1.24	1.10	.97
520-HCA204-12X	ECS-20.48-12-1X	2.048000	12pF	1.38	1.24	1.10	.97
520-HCA250-SX	ECS-25-S-1X	2.500000	Series	1.15	1.04	.92	.81
520-HCA300-SX	ECS-30-S-1X	3.000000	Series	1.15	1.04	.92	.81
520-HCA327-17X	ECS-32-17-1X	3.276800	17pF	.46	.41	.37	.285
520-HCA357-SX	ECS-35-S-1X	3.579545	Series	.46	.41	.37	.29
520-HCA357-17X	ECS-35-17-1X	3.579545	17pF	.46	.41	.37	.285
520-HCA368-SX	ECS-36-S-1X	3.686400	Series	.46	.41	.37	.29
520-HCA368-18X	ECS-36-18-1X	3.686400	18pF	.46	.41	.37	.285
520-HCA393-17X	ECS-39-17-1X	3.932160	17pF	.46	.41	.37	.285
520-HCA400-20X	ECS-40-20-1X	4.000000	20pF	.46	.41	.37	.285
520-HCA400-SX	ECS-40-S-1X	4.000000	Series	.46	.41	.37	.29
520-HCA403-20X	ECS-40.3-20-1X	4.032000	20pF	.46	.41	.37	.285
520-HCA419-12X	ECS-42-12-1X	4.194304	12pF	.46	.41	.37	.285
520-HCA443-20X	ECS-44-20-1X	4.433618	20pF	.46	.41	.37	.285
520-HCA500-20X	ECS-50-20-1X	5.000000	20pF	.46	.41	.37	.285
520-HCA500-SX	ECS-50-S-1X	5.000000	Series	.46	.41	.37	.29
520-HCA506-20X	ECS-51-20-1X	5.068800	20pF	.46	.41	.37	.285
520-HCA518-32X	ECS-52-32-1X	5.185000	32pF	.46	.41	.37	.285
520-HCA518-SX	ECS-52-S-1X	5.185000	Series	.46	.41	.37	.29
520-HCA599-20X	ECS-59-20-1X	5.990400	20pF	.46	.41	.37	.285
520-HCA599-SX	ECS-59-S-1X	5.990400	Series	.46	.41	.37	.29
520-HCA600-32X	ECS-60-32-1X	6.000000	32pF	.46	.41	.37	.285
520-HCA600-SX	ECS-60-S-1X	6.000000	Series	.46	.41	.37	.29
520-HCA614-32X	ECS-61-32-1X	6.144000	32pF	.46	.41	.37	.285
520-HCA655-12X	ECS-65-12-1X	6.553600	12pF	.46	.41	.37	.285
520-HCA737-20X	ECS-73-20-1X	7.372800	20pF	.46	.41	.37	.285
520-HCA768-20X	ECS-76.8-20-1X	7.680000	20pF	.46	.41	.37	.285
520-HCA800-20X	ECS-80-20-1X	8.000000	20pF	.46	.41	.37	.285
520-HCA800-32X	ECS-80-32-1X	8.000000	32pF	.46	.41	.37	.285
520-HCA800-SX	ECS-80-S-1X	8.000000	Series	.46	.41	.37	.29
520-HCA921-SX	ECS-92.1-S-1X	9.216000	Series	.46	.41	.37	.29
520-HCA983-20X	ECS-98.3-20-1X	9.830400	20pF	.46	.41	.37	.285
520-HCA1000-SX	ECS-100-S-1X	10.000000	Series	.46	.41	.37	.29
520-HCA1073-SX	ECS-107-S-1X	10.738635	Series	.46	.41	.37	.29
520-HCA1104-SX	ECS-110.4-S-1X	11.046000	Series	.46	.41	.37	.29
520-HCA1105-20X	ECS-110.5-20-1X	11.059200	20pF	.46	.41	.37	.285
520-HCA1105-32X	ECS-110.5-32-1X	11.059200	32pF	.46	.41	.37	.285
520-HCA1105-SX	ECS-110.5-S-1X	11.059200	Series	.46	.41	.37	.29
520-HCA1122-SX	ECS-112.2-S-1X	11.228000	Series	.46	.41	.37	.29
520-HCA1152-SX	ECS-115.2-S-1X	11.520000	Series	.46	.41	.37	.29
520-HCA1198-SX	ECS-119.8-S-1X	11.981350	Series	.46	.41	.37	.29
520-HCA1200-SX	ECS-120-S-1X	12.000000	Series	.46	.41	.37	.29
520-HCA1200-32X	ECS-120-32-1X	12.000000	32pF	.46	.41	.37	.285
520-HCA1209-SX	ECS-121-S-1X	12.096000	Series	.46	.41	.37	.29
520-HCA1228-20X	ECS-122.8-20-1X	12.288000	20pF	.46	.41	.37	.285
520-HCA1228-SX	ECS-122.8-S-1X	12.288000	Series	.46	.41	.37	.29
520-HCA1351-SX	ECS-135-S-1X	13.516800	Series	.46	.41	.37	.29
520-HCA1469-SX	ECS-146-S-1X	14.690000	Series	.46	.41	.37	.29
520-HCA1474-SX	ECS-147.4-S-1X	14.745600	Series	.46	.41	.37	.29
520-HCA1600-SX	ECS-160-S-1X	16.000000	Series	.46	.41	.37	.29
520-HCA1600-20X	ECS-160-20-1X	16.000000	20pF	.46	.41	.37	.285
520-HCA1601-18X	ECS-160.003-18-1X	16.000312	18pF	.46	.41	.37	.285
520-HCA1800-20X	ECS-180-20-1X	18.000000	20pF	.46	.41	.37	.285
520-HCA1800-SX	ECS-180-S-1X	18.000000	Series	.46	.41	.37	.29
520-HCA1843-20X	ECS-184-20-1X	18.432000	20pF	.46	.41	.37	.285
520-HCA1966-20X	ECS-196.6-20-1X	19.660800	20pF	.46	.41	.37	.285
520-HCA2000-20X	ECS-200-20-1X	20.000000	20pF	.46	.41	.37	.285
520-HCA2000-SX	ECS-200-S-1X	20.000000	Series	.46	.41	.37	.29
520-HCA2400-SX	ECS-240-S-1X	24.000000	Series	.46	.41	.37	.29
520-HCA2401-18X	ECS-240.0001-18-1X	24.000140	18pF	.46	.41	.37	.285
520-HCA3801-18X	ECS-380.005-18.1X	38.000530	18pF	.46	.41	.37	.285
520-HCA4800-SX	ECS-480-S-1X	48.000000	Series	.46	.41	.37	.29
520-HCA4800-20X	ECS-480-20-1X	48.000000	20pF	.46	.41	.37	.285
520-HCA4986-20X	ECS-498.6-20-1X	49.860000	20pF	.46	.41	.37	.285

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ECS Part No.	Frequency (MHz)	Load Cap.	Price Each			
				1	10	100	500
520-HCU357-17X	ECS-35-17-4X	3.579545	17pF	.53	.47	.368	.298
520-HCU357-SX	ECS-35-S-4X	3.579545	Series	.53	.47	.413	.368
520-HCU368-18X	ECS-36-18-4X	3.686400	18pF	.53	.47	.413	.368
520-HCU368-SX	ECS-36-S-4X	3.686400	Series	.53	.47	.413	.368
520-HCU400-20X	ECS-40-20-4X	4.000000	20pF	.53	.47	.41	.37
520-HCU400-SX	ECS-40-S-4X	4.000000	Series	.53	.47	.413	.368
520-HCU409-20X	ECS-41-20-4X	4.096000	20pF	.53	.47	.413	.368
520-HCU419-12X	ECS-42-12-4X	4.194304	12pF	.53	.47	.413	.368
520-HCU500-20X	ECS-50-20-4X	5.000000	20pF	.53	.47	.413	.368
520-HCU506-20X	ECS-51-20-4X	5.068800	20pF	.53	.47	.413	.368
520-HCU518-32X	ECS-52-32-4X	5.185000	32pF	.53	.47	.413	.368
520-HCU600-32X	ECS-60-32-4X	6.000000	32pF	.53	.47	.413	.368
520-HCU600-SX	ECS-60-S-4X	6.000000	Series	.53	.47	.413	.368
520-HCU614-32X	ECS-61-32-4X	6.144000	32pF	.53	.47	.413	.368
520-HCU650-20X	ECS-65-20-4X	6.500000	20pF	.53	.47	.413	.368
520-HCU737-20X	ECS-73-20-4X	7.372800	20pF	.53	.47	.43	.37
520-HCU768-20X	ECS-76.8-20-4X	7.680000	20pF	.53	.47	.413	.368
520-HCU800-18X	ECS-80-18-4X	8.000000	18pF	.53	.47	.41	.36
520-HCU800-20X	ECS-80-20-4X	8.000000	20pF	.53	.47	.41	.365
520-HCU800-32X	ECS-80-32-4X	8.000000	32pF	.53	.47	.413	.368
520-HCU800-SX	ECS-80-S-4X	8.000000	Series	.53	.47	.413	.368
520-HCU900-SX	ECS-90-S-4X	9.000000	Series	.53	.47	.43	.37
520-HCU921-SX	ECS-92.1-S-4X	9.216000	Series	.53	.47	.413	.368
520-HCU983-20X	ECS-98.3-20-4X	9.830400	20pF	.53	.47	.413	.368
520-HCU983-SX	ECS-98.3-S-4X	9.830400	Series	.53	.47	.413	.368
520-HCU1000-SX	ECS-100-S-4X	10.000000	Series	.53	.47	.413	.368
520-HCU100-SX	ECS-110-S-4X	11.000000	Series	.53	.47	.413	.368
520-HCU1105-20X	ECS-110.5-20-4X	11.059200	20pF	.53	.47	.413	.368
520-HCU1105-32X	ECS-110.5-32-4X	11.059200	32pF	.53	.47	.413	.368
520-HCU1105-SX	ECS-110.5-S-4X	11.059200	Series	.53	.47	.413	.368
520-HCU1200-20X	ECS-120-20-4X	12.000000	20pF	.53	.47	.413	.368
520-HCU1200-32X	ECS-120-32-4X	12.000000	32pF	.53	.47	.413	.368
520-HCU1200-SX	ECS-120-S-4X	12.000000	Series	.53	.47	.413	.368
520-HCU1209-SX	ECS-121-S-4X	12.096000	Series	.53	.47	.413	.368
520-HCU1228-SX	ECS-122.8-S-4X	12.288000	Series	.53	.47	.413	.368
520-HCU1296-18X	ECS-129-18-4X	12.960000	18pF	.53	.47	.413	.368
520-HCU1474-20X	ECS-147.4-20-4X	14.745600	20pF	.53	.47	.413	.368
520-HCU1474-SX	ECS-147.4-S-4X	14.745600	Series	.53	.47	.413	.368
520-HCU1536-20X	ECS-153-20-4X	15.360000	20pF	.53	.47	.413	.368
520-HCU1600-20X	ECS-160-20-4X	16.000000	20pF	.53	.47	.41	.36
520-HCU1600-SX	ECS-160-S-4X	16.000000	Series	.53	.47	.413	.368
520-HCU1625-SX	ECS-162.5-S-4X	16.257000	Series	.53	.47	.413	.368
520-HCU1800-SX	ECS-180-S-4X	18.000000	Series	.53	.47	.413	.368
520-HCU1843-20X	ECS-184-20-4X	18.432000	20pF	.53	.47	.41	.36
520-HCU1966-20X	ECS-196-20X	19.660800	20pF	.53	.47	.413	.368
520-HCU2000-20X	ECS-200-20-4X	20.000000	20pF	.53	.47	.41	.37
520-HCU2000-SX	ECS-200-S-4X	20.000000	Series	.53	.47	.413	.368
520-HCU2048-20X	ECS-204.8-20-4X	20.480000	20pF	.53	.47	.413	.368
520-HCU2400-16X	ECS-240-16-4X	24.000000	16pF	.53	.47	.413	.368
520-HCU2400-SX	ECS-240-S-4X	24.000000	Series	.53	.47	.413	.368
520-HCU2457-20X	ECS-245.7-20-4X	24.576000	20pF	.53	.47	.413	.368
520-HCU2500-18X	ECS-250-18-4X-F	25.000000	18pF	.53	.47	.41	.36
520-HCU4800-20X	ECS-480-20-4X	48.000000	20pF	.53	.47	.413	.368
520-HCU357-17DNX	ECS-35-17-4X-DN	3.579545	17pF	1.04	.92	.83	.72
520-HCU368-20DNX	ECS-36-20-4X-DN	3.686400	20pF	1.09	.98	.81	.71
520-HCU400-20DNX	ECS-40-20-4X-DN	4.000000	20pF	1.09	.98	.81	.71
520-HCU600-32DNX	ECS-60-32-4X						