



CRYSTEK
CRYSTALS
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SineWave Clock Oscillator Guide



5.0 x 7.5 mm SMD (SineWave)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Stability Options	Product Features
CCS575S	315.000 to 1000.000	3.30	-150 to +100ppm Max (-20/70°C)	Phase Noise: -137 @ 10kHz (dBc/Hz) -160 @ 10MHz

9.0 x 14.0 mm SMD (SineWave)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Stability Options	Product Features
CCSS-945	10.000 to 125.000	5.00	±20, ±25, ±50ppm Max (0/70°C) ±20, ±25, ±50ppm Max (-40/85°C)	Phase Noise: -85 @ 10Hz (dBc/Hz) -120 @ 100Hz -170 @ 100kHz
CCO-983	50.000 to 500.000	3.30	±25ppm Max (0/70°C) ±50ppm Max (-40/85°C)	Phase Noise: -50 @ 10Hz (dBc/Hz) -145 @ 100kHz
CCO-985	50.000 to 500.000	5.00	±25ppm Max (0/70°C) ±50ppm Max (-40/85°C)	Phase Noise: -50 @ 10Hz (dBc/Hz) -145 @ 100kHz
CCSO-914X	300.000 to 916.000	3.30 5.00	±100ppm Max (-40/85°C)	Phase Noise: -153 @ 10kHz (dBc/Hz) -178 @ Floor
CCSO-914X-1000	1000.000	5.00	±100ppm Max (-40/85°C)	Phase Noise: -138 @ 10kHz (dBc/Hz) -171 @ Floor
CCSO-914X3-1000	1000.000	3.30	±120ppm Max (-40/85°C)	Phase Noise: -142 @ 10kHz (dBc/Hz) -170 @ Floor
CCSO-914Y12-1090	1090.000	12.00	±250ppm Max (-55/105°C)	Phase Noise: -139 @ 10kHz (dBc/Hz) -170 @ Floor

14 Pin DIP (SineWave)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Stability Options	Product Features
CCO-083	10.000 to 200.000	3.30	±25ppm Max (0/70°C) ±50ppm Max (-40/85°C)	Phase Noise: -140 @ 10kHz (dBc/Hz)
CCO-085	10.000 to 200.000	5.00	±25ppm Max (0/70°C) ±50ppm Max (-40/85°C)	Phase Noise: -140 @ 10kHz (dBc/Hz)
CCSO-014-1090	1090.000	12.00	±250ppm Max (-55/105°C)	Phase Noise: -138 @ 10kHz (dBc/Hz) -170 @ Floor



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