



CRYSTEK
CRYSTALS
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CMOS Clock Oscillator Guide



3.2 x 5.0 mm SMD (CMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Stability Options	Product Features
CUSO33xx	1.544 to 160.000	3.30	±25 to ±100ppm Max (0/70°C) ±25 to ±100ppm Max (-40/85°C)	Phase Jitter: 12kHz~80MHz RMS (0.5ps Typical, 1.0ps Max)
CUSO32xx	1.544 to 160.000	5.00	±25 to ±100ppm Max (0/70°C) ±25 to ±100ppm Max (-40/85°C)	Phase Jitter: 12kHz~80MHz RMS (0.5ps Typical, 1.0ps Max)

5.0 x 7.0 mm SMD (CMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Stability Options	Product Features
C18xx	1.544 to 110.000	1.80	±20 to ±100ppm Max (0/70°C) ±25 to ±100ppm Max (-40/85°C)	Phase Jitter: 12kHz~80MHz RMS (0.5ps Typical, 1.0ps Max)
C25xx	1.544 to 70.000	2.50	±20 to ±100ppm Max (0/70°C) ±25 to ±100ppm Max (-40/85°C)	Phase Jitter: 12kHz~80MHz RMS (0.5ps Typical, 1.0ps Max)
C33xx CS33xx	1.544 to 156.250	3.30	±20 to ±100ppm Max (0/70°C) ±25 to ±100ppm Max (-40/85°C)	Phase Jitter: 12kHz~80MHz RMS (0.5ps Typical, 1.0ps Max)
C32xx	1.544 to 100.000	5.00	±20 to ±100ppm Max (0/70°C) ±25 to ±100ppm Max (-40/85°C)	Phase Jitter: 12kHz~80MHz RMS (0.5ps Typical, 1.0ps Max)

5.0 x 7.5 mm SMD (CMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Stability Options	Product Features
CCHD-575	50.000 to 130.000	3.30	±20 to ±50ppm Max (0/70°C) ±25 to ±50ppm Max (-40/85°C)	Phase Jitter: 12kHz~80MHz RMS (85fSecs Typical) Phase Noise: -90dBc @ 10Hz -168dBc @ Floor

9.0 x 14.0 mm SMD (CMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Stability Options	Product Features
CCHD-950	45.000 to 130.000	3.30	±25 to ±50ppm Max (0/70°C) ±25 to ±50ppm Max (-40/85°C)	Phase Noise: -86dBc @ 10Hz -165dBc @ Floor
CCHD-957	10.000 to 50.000	3.30	±20 to ±50ppm Max (0/70°C) ±25 to ±50ppm Max (-40/85°C)	Phase Noise: -100dBc @ 10Hz -169dBc @ Floor



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