



CRYSTEK
CRYSTALS
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HCMOS VCXO Guide



5.0 x7.0 mm SMD (HCMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Pullability Options	Product Features
CVXO-018T	1.544 to 52.000	3.30	Pullability ± 100 ppm Min. 0/70°C & -40/85°C	
CVXO-016T	1.544 to 52.000	5.00	Pullability ± 100 ppm Min. 0/70°C & -40/85°C	
CVHD-037X	30.000 to 170.000	3.30	Pullability ± 50 ppm APR -40/85°C	Phase Noise: -75dBc @ 10Hz -160dBc @ Floor

9.0 x 14.0 mm SMD (HCMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Pullability Options	Product Features
CVHD-930	10.000 to 49.152	3.30	Pullability (APR) ± 50 ppm 0/70°C & -40/85°C	Phase Noise: -110dBc @ 100Hz -155dBc @ 100kHz
CVHD-931	50.000 to 180.000	3.30	Pullability (APR) ± 20 ppm 0/70°C & -40/85°C	Phase Noise: -80dBc @ 100Hz -150dBc @ 100kHz
CVHD-950	50.000 to 125.000	3.30	Pullability (APR) ± 50 ppm 0/70°C & -40/85°C	Phase Noise: -86dBc @ 10Hz -165dBc @ Floor
CVHD-960	14.000 to 49.152	3.30	Pullability $\pm 100, \pm 150, \pm 200$ ppm 0/70°C & -40/85°C	Low Jitter, High Pull RMS (0.5ps Typical, 1.0ps Max) Phase Noise: -160dBc @ Floor
CVHD-965	14.000 to 49.152	5.00	Pullability $\pm 100, \pm 150, \pm 200$ ppm. 0/70°C & -40/85°C	Low Jitter, High Pull RMS (0.5ps Typical, 1.0ps Max) Phase Noise: -160dBc @ Floor
CVHD-952	131.000 to 200.000	3.30	Pullability (APR) ± 20 ppm 0/70°C & -40/85°C	Phase Noise: -70dBc @ 10Hz -150dBc @ 100kHz
CVHD-957	10.000 to 50.000	3.30	Pullability ± 100 ppm 0/70°C & -20/70°C & -40/85°C	Phase Noise: -90dBc @ 10Hz -168dBc @ 100kHz

14 DIP (HCMOS)

Model	Freq. Range (MHz)	Input Voltage (Vdc)	Pullability Options	Product Features
CVH-731	50.000 to 180.000	3.30	Pullability $\pm 15, \pm 20, \pm 25, \pm 50, \pm 100$ 0/70°C & -40/85°C	Phase Noise: -85dBc @ 100Hz -155dBc @ 100kHz
CVH-751	50.000 to 180.000	5.00	Pullability $\pm 15, \pm 20, \pm 25, \pm 50, \pm 100$ 0/70°C & -40/85°C	Phase Noise: -85dBc @ 100Hz -155dBc @ 100kHz