

OCXO (Sinus, HCMOS)

OX-2522S



General Description
Small metal case packaged OCXO

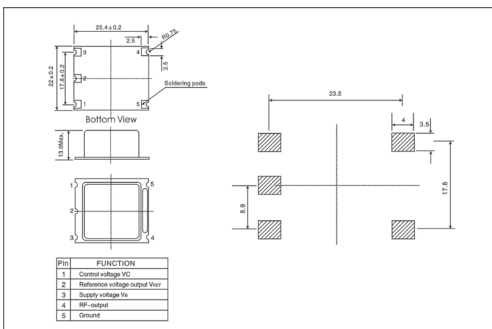
Features
Wide frequency range
Tight stability down to ± 5 ppb

Main applications
Telecomm., DVB

Electrical characteristics

Item	Values
Part number	OX2522S
Crystal Cut angle	SC
Output Waveform	Sinus , HCMOS
Output load	sinus : load 50Ω , Level >2 dBm CMOS : 15pF max
Frequency range	2 - 100 MHz
Supply voltage	+3.3V , +5.0V , +12V
Initial frequency tolerance @ +25°C	$<\pm 0.2$ ppm
Frequency stability	vs temp. $\pm 5 - 30$ ppb typical vs Vdd ± 2 ppb (Vdd $\pm 5\%$) vs Load ± 20 ppb (Load $\pm 10\%$)
Aging	$<\pm 0.1$ ppm first year / 0.5ppm in 10years
Operating temp. range	up to -40°C / $+75^\circ\text{C}$
Storage temp. range	-40°C / $+100^\circ\text{C}$
Warm-up time	$<\pm 0.1$ ppm <3 min
Frequency adjustment	± 0.7 ppm
Control voltage	0-3.3V , 0-5.0V
Slope	positive
Linearity	10%
Phase noise	10Hz , -120dBc/Hz 100Hz , -140dBc/Hz 1KHz , -145dBc/Hz 10KHz , -150dBc/Hz

Dimensions



Part number generator :
please contact 2B Elettronica