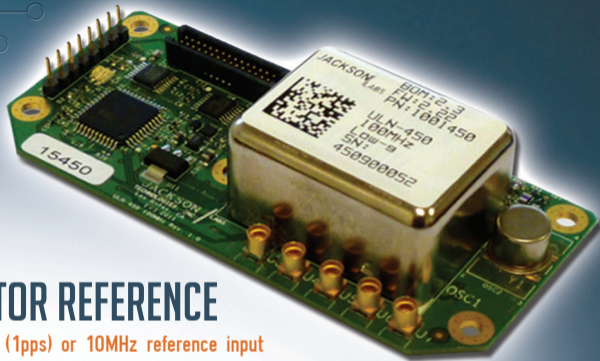


JACKSON/LABS

Jackson Labs Technologies, Inc.



100MHZ ULTRA-LOW-NOISE CRYSTAL OSCILLATOR REFERENCE

ULN-450 generates a highly stable 100MHz and 1PPS output with an optional 1Hz (1pps) or 10MHz reference input
For Radar Oscillators, SatCom references, T&M equipment, 100MHz lab references

Low-g, low phase-noise, high short-term-stability cleanup oscillator
Used to clean up noisy Rubidium, Cesium, and GPS sources especially in high vibration environments
Ultra-low-g reference option (0.3ppb/g/axis at 10MHz)
SCPI (GPIB) control and command interface, LVCMOS Alarm output
Disciplined, or stand-alone operation with very low aging (<20ppb per year aging on DOCXO)
Very low tempco (+/-0.2ppb from -25C to +75C with DOCXO)
5 isolated 100MHz outputs (1x LVDS, 4x 100MHz Sine Wave), 1x LVDS 1PPS output

Oscillator Options:
Single Oven, 100MHz VCXO
Single Oven, 100MHz Low Phase Noise Crystal
Double Oven, 100MHz Low Phase Noise Crystal
Double Oven Extended Temp, 100MHz Low Phase Noise Crystal
Double Oven Low-G Ruggedized, 100MHz Low Phase Noise Crystal