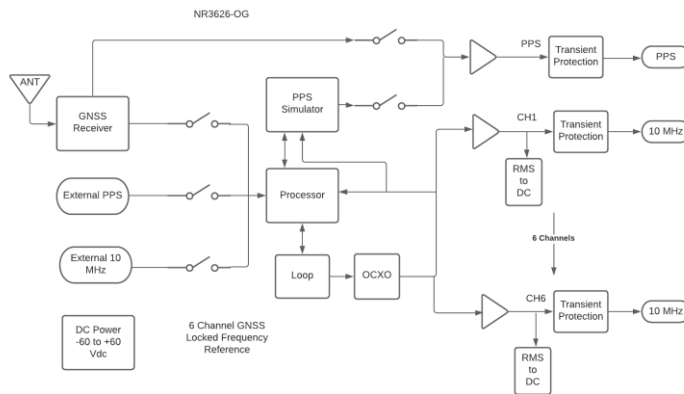


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NR3626-O/G

**10 MHz Frequency Reference, OCXO, GNSS-Locked, 6- Channel
With External Synchronization capability to PPS or 10 MHz**

KEY FEATURES



The NR3626-O/G is a high performance 10 MHz GNSS locked, OCXO based frequency reference.

The 10 MHz outputs are 13 dBm while the PPS outputs can be 5 or 3.3 Volt logic levels with the capability of driving a 50 Ohm load. The unit may be optionally synced to an external 10 MHz or PPS signal. The priority for each timing source is user settable.

Product Highlights



Six Channels

Six transient and fault protected channels.

Versatile Power

-60 to +60 Vdc in three ranges

Low Phase Noise

- 155 dBc/Hz @ 10kHz

External Synchronization

Locks to GNSS or an external 10 MHz or PPS. User selectable priorities.

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GNSS receiver	GPS L1 C/A, GLONASS L1OF, QZSS L1 C/A, SBAS L1 C/A (Ready): Galileo E1B/E1C, QZSS L1S
Channels	26 channels (GPS, GLONASS, QZSS, SBAS)
Sensitivity	
GPS	Tracking: -161 dBm
	Hot Start: -161 dBm
	Warm Start: -147 dBm
	Cold Start: -147 dBm
	Reacquisition: -161 dBm
GLONASS	
	Tracking: -157 dBm
	Hot Start: -157 dBm
	Warm Start: -143 dBm
	Cold Start: -143 dBm
	Reacquisition: -157 dBm
	With Novus recommended antenna.
Antenna with LNA	26 channel receiver
Antenna power	3.5 Vdc, < 20 mA (on center conductor) (factory configurable to 5 Vdc)
Frequency	1574-1607 MHz
Nominal gain	2 dBic
Amplifier gain	26 dB
Noise figure	< 2.0 dB
Out-of-Band rejection	Fo±50MHz=60 dBc, Fo±60 MHz
DC current	<25 mA@3.5 Vdc
Power requirements	Standard configuration is 12Vdc (9 to 15Vdc) Options- ±24Vdc (20 to 30Vdc), ±48Vdc (40 to 60Vdc) AC adapter available 100 to 240Vac, 50/60Hz
Connectors	BNC 10 MHz output
	BNC 10 MHz input (5 to 15 dBm)
	BNC PPS (3.3 Vdc CMOS)
RS232	DB9 female standard (male option available)
Power connector	4-pin power connector - power in. Mates with On-Shore Tech OSTTJ0411530.

Environmental and Mechanical

Operating temperature	0 to 50°C non-condensing (extended temperature range available)
Storage temperature	-40 to 70°C
Width	6.0"
Depth	6.0" (exclusive of connectors)
Height	1.58 "
Weight	~16 oz.

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