



SUNNY ELECTRONICS USA



Sunny Electronics and RFMW, Ltd are proud to announce the addition of the **FastClock** series of clock oscillators (XO) and voltage controlled oscillators (VCXO) to their full line of frequency control products.

Offered in an industry standard 5x7mm and 5x3.2mm package, the FastClock series offers customers the ultimate flexibility with delivery of high performance oscillators and VCXO's in as little as five days.

Key features include:

- HCMOS, LVPECL, or LVDS output
- Frequency range of 10.000 MHz to 1500 MHz
- 3.3 V or 2.5 V supply voltage
- Frequency stability available to ± 25 ppm
- XO or VCXO function
- Up to four output frequencies
- 1 pSec phase jitter performance or better



The Sunny FastClock series uses a new, state-of-the-art, factory-configurable silicon technology that allows for a wide choice of frequency, voltage and output combinations with tight jitter and phase noise performance (<1pS with Integer Mode).

Applications include fiber channel, server and storage, wireless repeaters, transponders, data acquisition, military communications, SONET/SDH/DEWM/ATM, Ethernet, digital network switching, test equipment and industrial controllers.

FastClock Series Product Options

	TYPE	SIZE	CMOS PN	LVPECL PN	LVDS PN
Size Configuration	VCXO	5x3.2mm	SVP-53	SPP-53	SLP-53
	VCXO	5x7mm	SVP-10	SPP-10	SLP-10
	XO	5x3.2mm	SCG-53	SPG-53	SLG-53
	XO	5x7mm	SCG-10	SPG-10	SLG-10
Freq			10 – 250 MHz	10 – 1500 MHz	10 – 1500 MHz
Supply Voltage Options			2.5 V / 3.3 V		
Freq Stability Options			25 / 50 / 100 ppm		
Temp Range Options (°C)			-40 to +85 -20 to +75 0 to +70		
E/D Pin Options			Pin 1 / Pin 2 / No Connect		