

Oscillators for the Real World

Clock Oscillators

Our MWCX series of clock oscillators are used in virtually every aspect of the electronics industry. Standard full-size and half size, frequency from 1MHz to 80MHz, TTL and HCMOS compatible output.

Package Style : SMD 5 X 7

FEATURES :

- Standard miniature surface mount footprint.
- Frequency range 1.5 – 80 MHz
- Frequency stability: 100ppm standard
- 50ppm and 25ppm available
- CMOS/TTL compatible
- Tri-State Output standard
- Tape and reel packaging (16mm)

Frequency Range	1.5 – 80 MHz
Frequency Stability (0 – 70)	25ppm, 100ppm
Frequency Stability vs Power Supply	Vcc = 5.0V $\pm$ 10% Vcc = 3.3V $\pm$ 10% Max 3ppm
Output Voltage Level	CMOS & TTL
Supply Current	1.5 – 20.0MHz 5.0V 25mA / 3.3V 12mA
	>20.0MHz 5.0V 50mA / 3.3V 40mA
Supply Voltage	5V $\pm$ 10% or 3.3V $\pm$ 10%
Output Current	+16 mA
Output Load	10TTL + 15pF
Disable Input Voltage	0.8V Max.
Enable Input Voltage (or NC)	20.0V Min.
Storage Temperature	Commercial 0°C to +70°C
	Industrial -40°C to +85°C
Symmetry	1.5 MHz – 60.0 MHz 45-55%
	60.1 MHz – 80.0 MHz 40-60%
Rise and Fall Time	Tr, Tf Max. 10nS
Storage Temperature	-55°C to +125°C

MICRONETICS
WIRELESS

