

Features

- Small 5-pin SOT-23 package
- Frequency to 450MHz typ.
- Amplitude to 100mA pk/pk typ.
- Single +3.5V to +5.0V supply
- Simple to use - only two external resistors required
- Independent resistor setting for frequency and amplitude.

Applications

- DVD-players
- Optical disk drives
- DVD-ROM drives
- DVD-RAM drives
- CD-RW drives
- MO drives
- Optical pickup head assembly
- Laser diode modulation
- Local oscillator
- Communications lasers

Ordering Information

Part No	Temp. Range	Package	Outline #
EL6200CW	0°C to +70°C	5-Pin SOT-23*	MDP0038

*EL6200CW symbol is .Hxxx where xxx represents date code

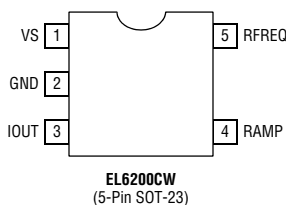
General Description

The EL6200C is a solid state high performance laser modulation oscillator with external resistor adjustable frequency and amplitude. The EL6200C is available in the 5-pin SOT-23 to enable device placement close to the laser for reduced EMI signature.

The oscillator frequency is set by connecting a single external resistor from the R_{FREQ} pin to ground. The oscillator current output amplitude is set by connecting a single external resistor from the R_{AMP} pin to ground.

The EL6200C has internal supply bypass capacitors to reduce oscillation noise spread through supply connections.

Connection Diagram



EL6200C
450MHz HFM Oscillator**PRODUCT BRIEF**

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