

## Features

- Oscillator - Programmable Ring Oscillator
- Fully self contained (no extra references or pins)
- Frequency 1-50 MHz
- Good accuracy:  $\pm 10\%$
- Stable output indicator
- Soft frequency variation during range change and calibration
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- Temperature compensation calibration

## General Description

OSCILLATOR: The oscillator SGC21360 is as ring oscillator optimized for ultra compact applications. The oscillator have been optimized for digitally controlled clock generation. The core uses internal high PSRR temperature compensated references for improved overall stability. It is specified from  $T_j = -40\text{ }^\circ\text{C}$  to  $+125\text{ }^\circ\text{C}$ .

## Applications

## Quick Reference

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## Applications Diagram