

Allow the PICmicro™ to Control Its Oscillator Frequency

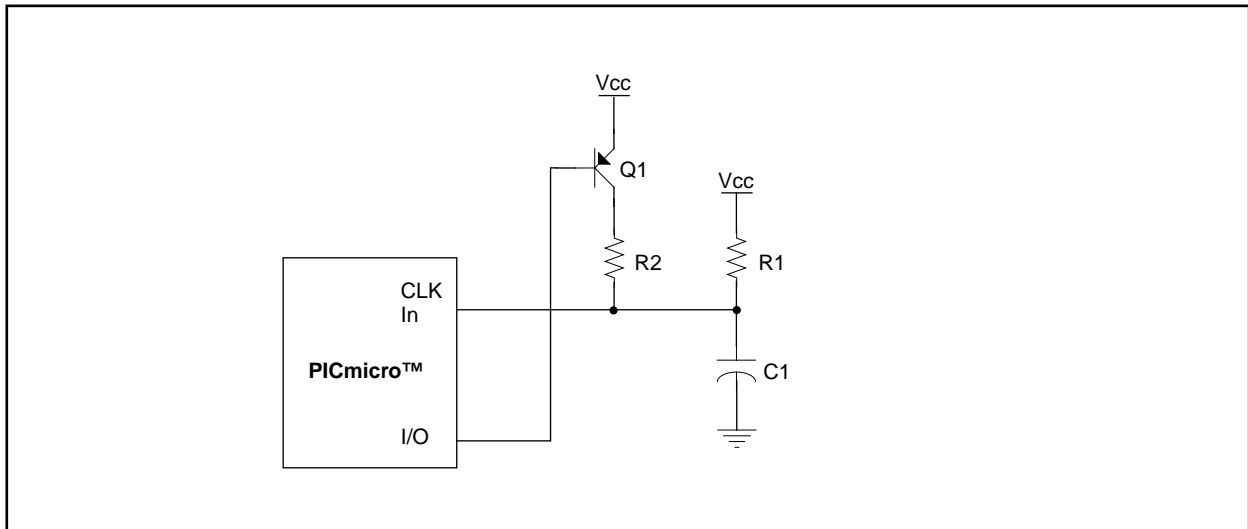
Author: Robert Corkery
Vicor Corp.
Andover, Ma.
bcorkery@vicr.com

INTRODUCTION

This application allows the processor to run at low frequency (using less power), but it can increase its oscillator frequency for more intensive operations.

Using a controller with an external RC oscillator, the PICmicro™ can change its oscillator speed by setting the I/O pin to low, which turns on Q1 and effectively puts R2 in parallel with R1.

SCHEMATIC



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Simple Circuit

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