[A Beginner's Guide on Interrupt Latency - and Interrupt Latency of the ARM® Cortex®-M processors](#)

Introduction

All experienced embedded system designers know that interrupt latency is one of the key characteristics of a microcontrolller, and are aware that this is crucial for many applications with real   time requirements. However, the descriptions of interrupt latency in various microcontroller ltiterture often over similfies exactly what is included in the 'interrupt latency' detail.

This article will cover the basics of interupt latency, and what users need to be aware of when selecting a microcontroller with low interrupt latency equirements.

[A Beginner's Guide on Interrupt Latency - and Interrupt Latency of the ARM® Cortex®-M processors](#)