

# MULTIPLE INTERRUPT HANDLING SYSTEM FOR PICOBLAZE MICROCONTROLLER

Osman Meriç, Mehmet Fatih Gülakar

Istanbul Technical University, Electronics and Communication Engineering

## Abstract

Interrupt is an input signal which alerts the processor and serves as a request for the processor to the interrupt the currently executing code, so that the event can be processed in a timely manner. Xilinx's Picoblaze microcontroller has an interrupt which has single bit only. Therefore, a designed system need some kind of modification to handle if there is more than one interrupt signal.

