[Reference Design RD1096 - Wake on LAN](https://mikrozone.sk/news.php?item.649) (4 strany, 312 KB)

Introduction

The Wake on LAN (WoL) is a feature that allows a load/client on a network to be turned on by a message sent via the network. The idea behind WoL is that devices on the network will consume less power in stand-by mode and only "wake up" when required, thus making the system green or environmentally friendly. Having a separate network monitor that scans network packets to look for special data sequences is required under such conditions. This reference design implements the portion that scans network packets for a special data sequence and transmits an interrupt signal to the system controller.