**Seminar7**

1. For hard-switching Buck converter:

* Observe the switching waveform of power switch Q
* Plot loss curve



Fig.1 Hard-Switching Buck Converter

1. For ZVS QRC Buck converter:

* Observe the switching waveform of power switch Q
* Plot loss curve and compare with previous case



Fig.2 ZVS QRC Buck Converter

1. It is recommended to use LTspice.