Tapped Inductor with Switch

**Description**
- Converter topology where the switch is coupled in the tap of a tapped inductor

**Benefits**
- Allows feedback sensing relative to the switch and reduces the need for level shifting circuits
- Could be used with: tapped buck converter, Inverse Watkins-Johnson converter, lighting devices

![Figure 1. Tapped inductor and a tapped inductor with switch](image-url)
Tapped Inductor with Switch

Figure 2. Buck converter utilizing a tapped inductor with switch

Figure 3. Inverse Watkins-Johnson converter utilizing a tapped inductor with switch