Adding Open-Loop Switching Control for Power Electronics

**DC-DC Converter Option 1:**

![Power Circuit Diagram]

*Switch dialog:*
- Gate controlled switch
- Note GIFU

Input (voltage stiff)  Output
- Current stiff with inductor
- Voltage filtered by capacitor

![Gate Controls Diagram]
Option 2: Two controlled Switches

- Replace diode with controlled switch
- Controlled in opposition to top switch

Modification to controls

- Replace diode with controlled switch
- Controlled in opposition to top switch
(file MULTILEVELBRIDGE.p4; x-var t) v:VT

(file MULTILEVELBRIDGE.p4; x-var t) c:VT -iAC