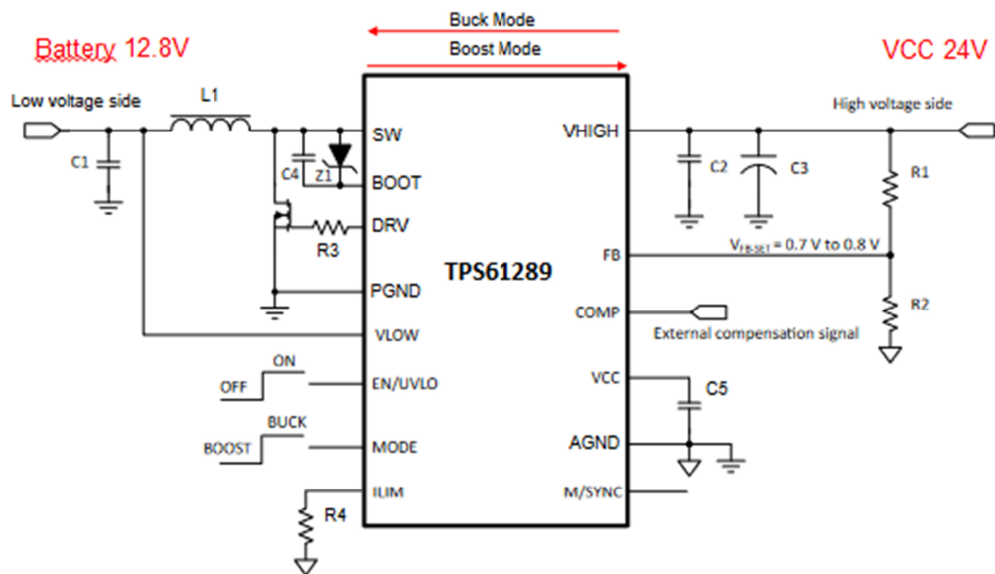# Automatic bidirectional operation with TPS61289

Is there a way to make a bidirectional automatic operation, when the supply voltage VHIGH drops out, automatically boost the voltage to VHIGH from VLOW via the battery.

In normal operation, the 12.8V battery is charged via VHIGH 24V Buck Mode
In battery operation, the 12.8V boost via VLOW to 24V Boost Mode

Automatic bidirectional operation

Buck Mode (normal operation / charged mode)
VHIGH 24V battery charge 12.8V // charging current 60mA

Boost Mode (battery operation / discharge mode)
Battery 12.8V boost to VHIGH 24V // load current 3A