

LM5176 – Transition behavior

April 2018

Buck <=> Buck-Boost

CH1: SW1
CH2: SW2
CH3: VOUT
CH4: IL

No Load



Buck-Boost => Buck
at no load has some
wide-narrow pulses.

Boost <=> Buck-Boost

CH1: SW1
CH2: SW2
CH3: VOUT
CH4: IL

No Load



Buck <=> Buck-Boost

CH1: SW1
CH2: SW2
CH3: VOUT
CH4: IL

CR Load=2.5Ω



Boost <=> Buck-Boost

CH1: SW1
CH2: SW2
CH3: VOUT
CH4: IL

CR Load=2.5Ω

