

Method A Startup

(V) : t(s)

DC/DC Vout

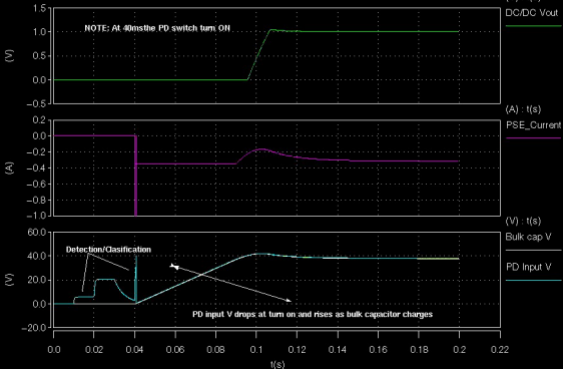
(A) : t(s)

PSE_Current

(V) : t(s)

Bulk cap V

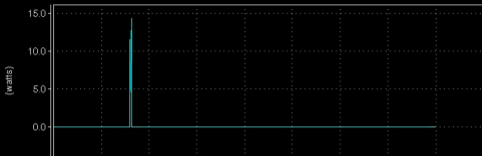
PD Input V



Method A Startup Power Dissipation

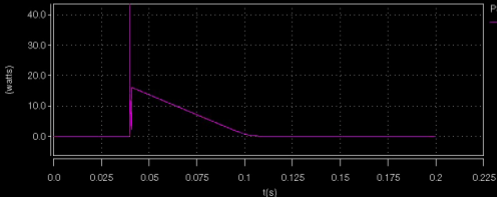
(watts) : t(s)

PD switch loss



(watts) : t(s)

PSE switch Loss



Method B Startup

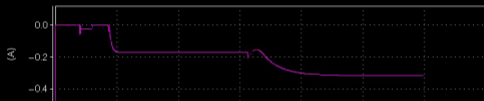
(V) : t(s)

vout



(A) : t(s)

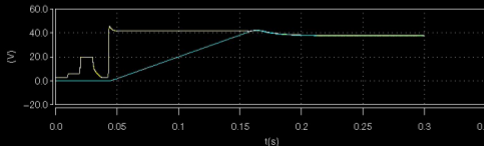
PSE current



(V) : t(s)

Bulk capacitor V

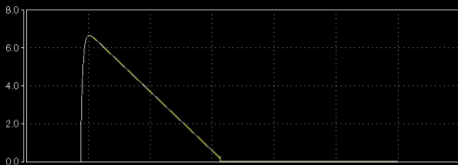
PD_input



Method B Switch Loss

(watts) : t(s)

PD switch Loss



(watts) : t(s)

PSE switch loss



0.0 0.05 0.1 0.15 0.2 0.25 0.3 0.35

t(s)