

# Simulation using LTSPICE

## ※ default setting

[LMZM33603 Unencrypted Non-inverting and Inverting PSpice Transient Model](#)

PSpice Model

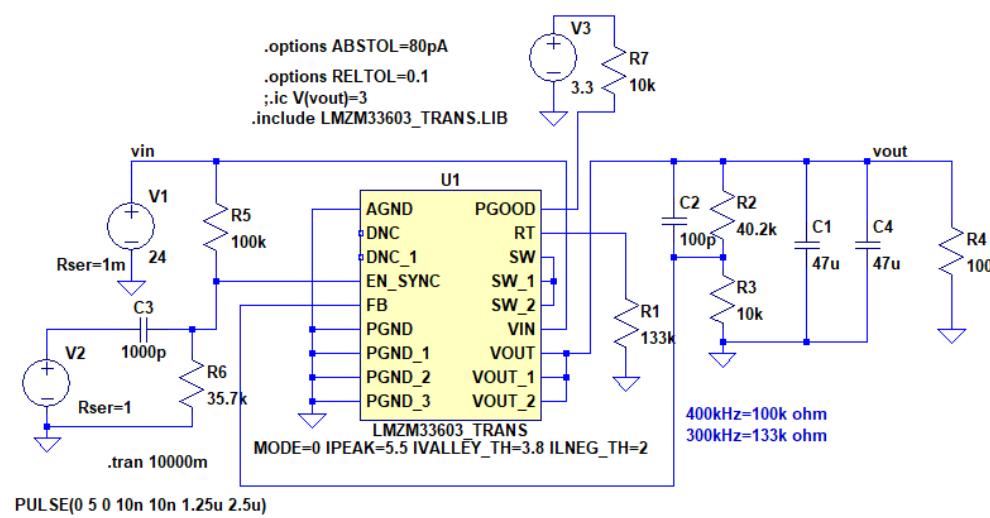
ZIP

24 Oct 2017

Vin=24V

Vout=5V

Fsw=400kHz(High=5V, Low=0V)

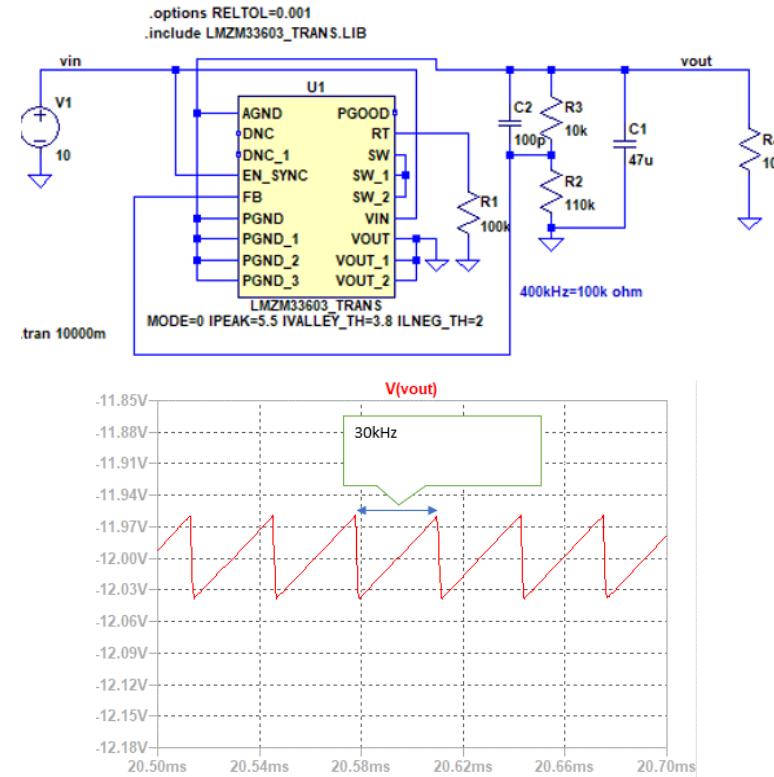


①

Could not synchronize externally.

Please tell me how to check external synchronization operation using Spice model.

When not using external synchronization (negative output ver)



②

Entered PFM mode. Please tell me how to avoid this.

Is it correct with the understanding that the frequency can be fixed even under light load conditions by performing external synchronous operation?