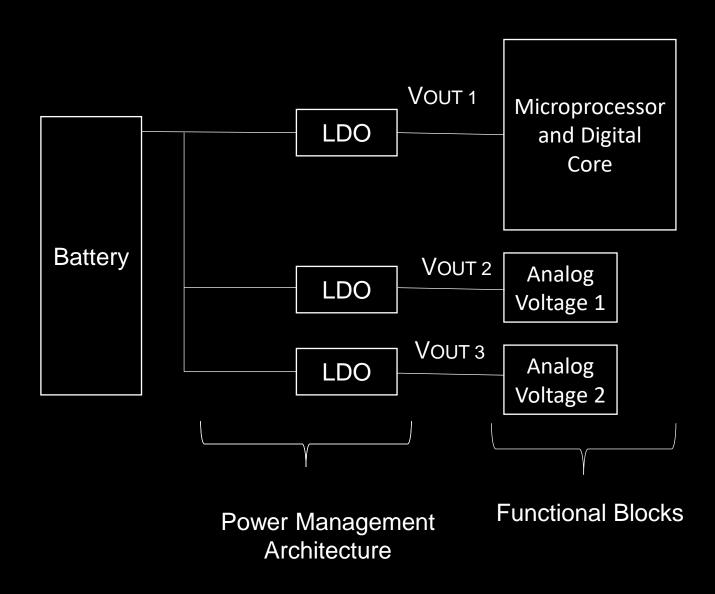
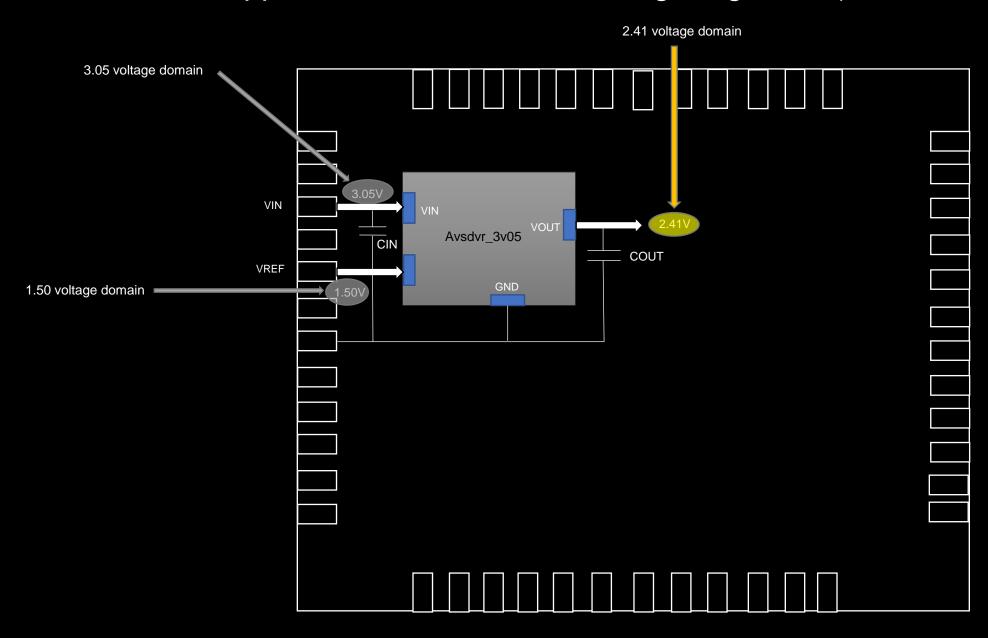
LDO Voltage regulator(avsdvr_3v05) spec sheet for 180nm tech node

- Specs released under APACHE LICENSE 2.0
- Please contact Soham at <u>sohamsen25420001@gmail.com</u> in case of any doubt

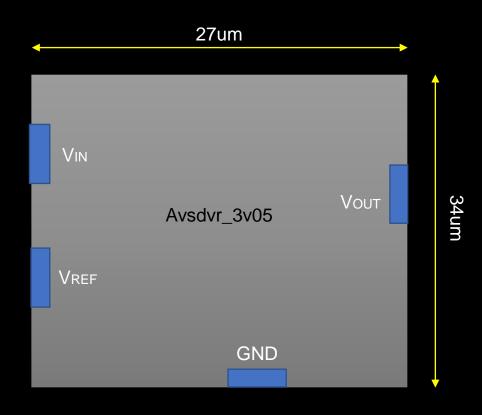
Application Note for LDO voltage regulator (avsdvr_3v05)

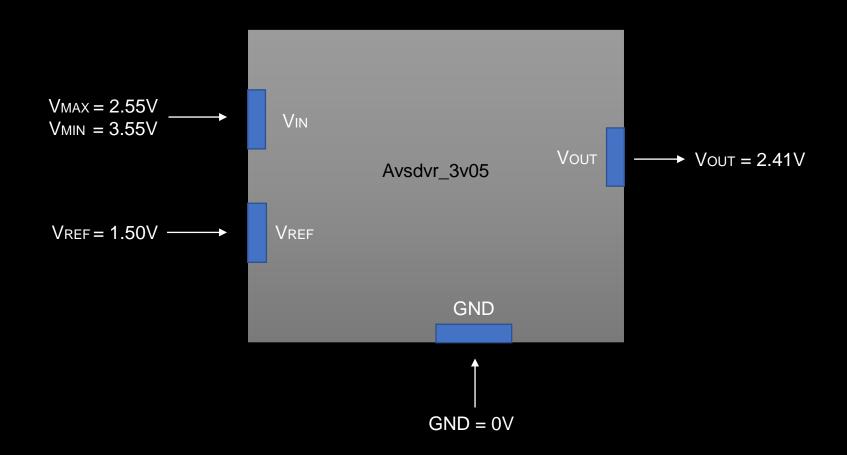


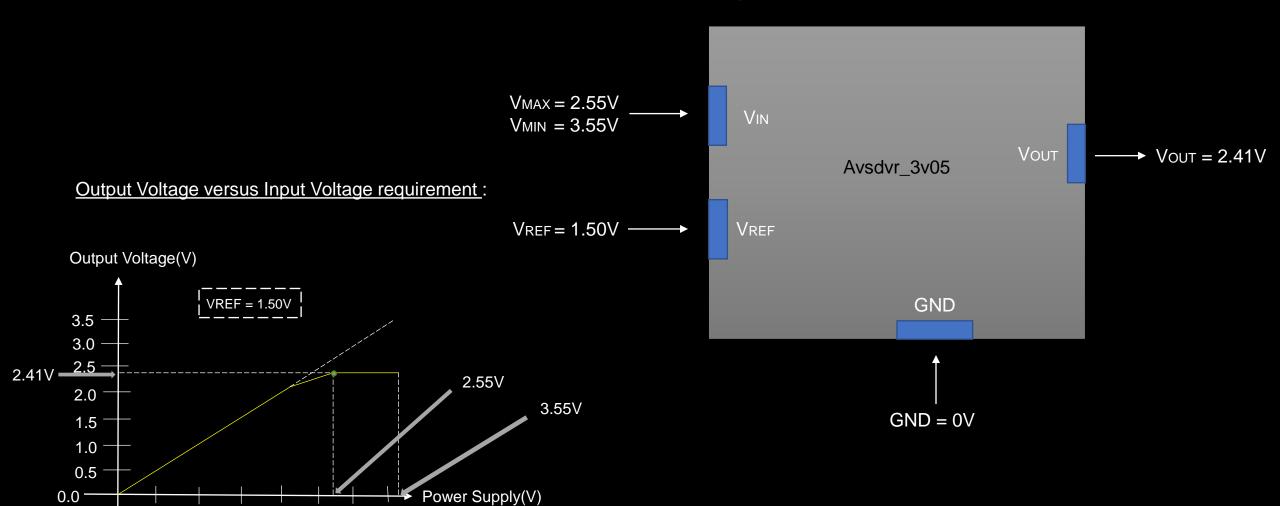
Application Note for LDO voltage regulator (avsdvr_3v05)



avsdvr 3,05 preferred dimensions, pin locations and metal layers

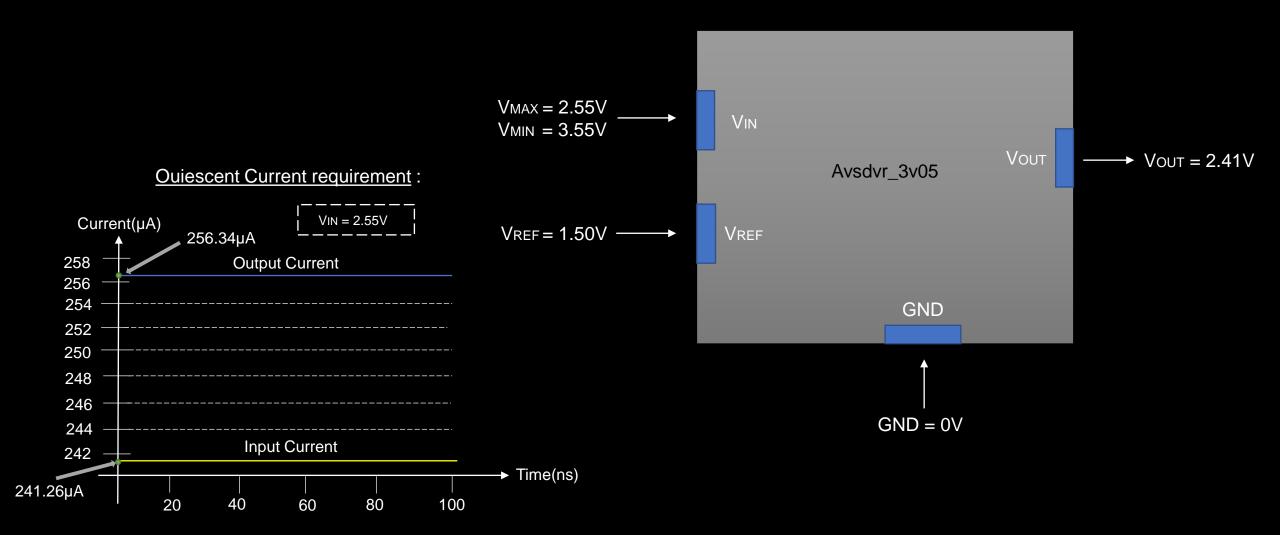


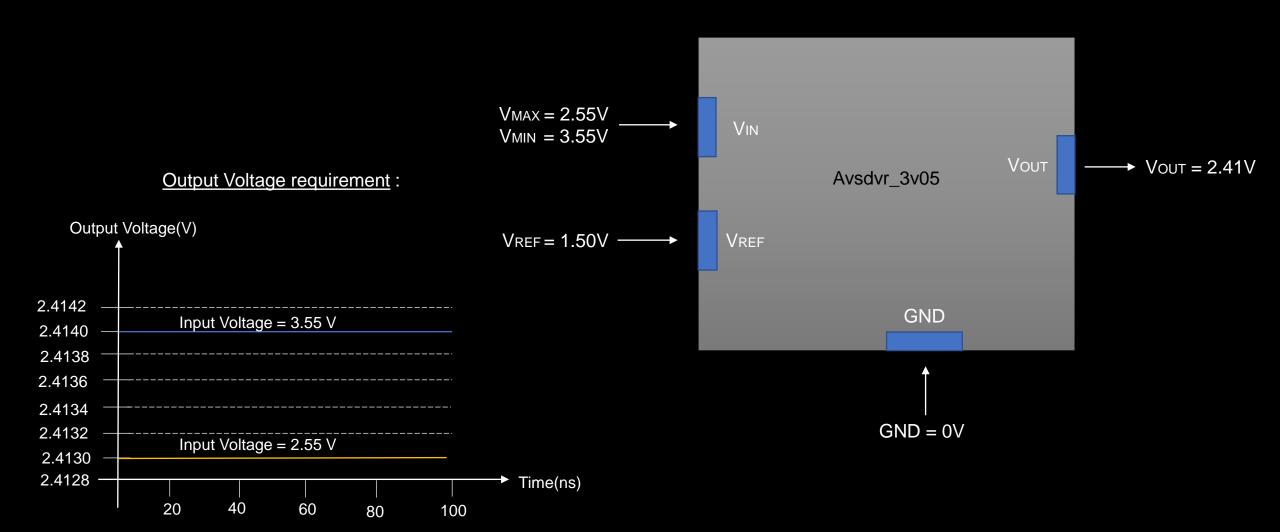


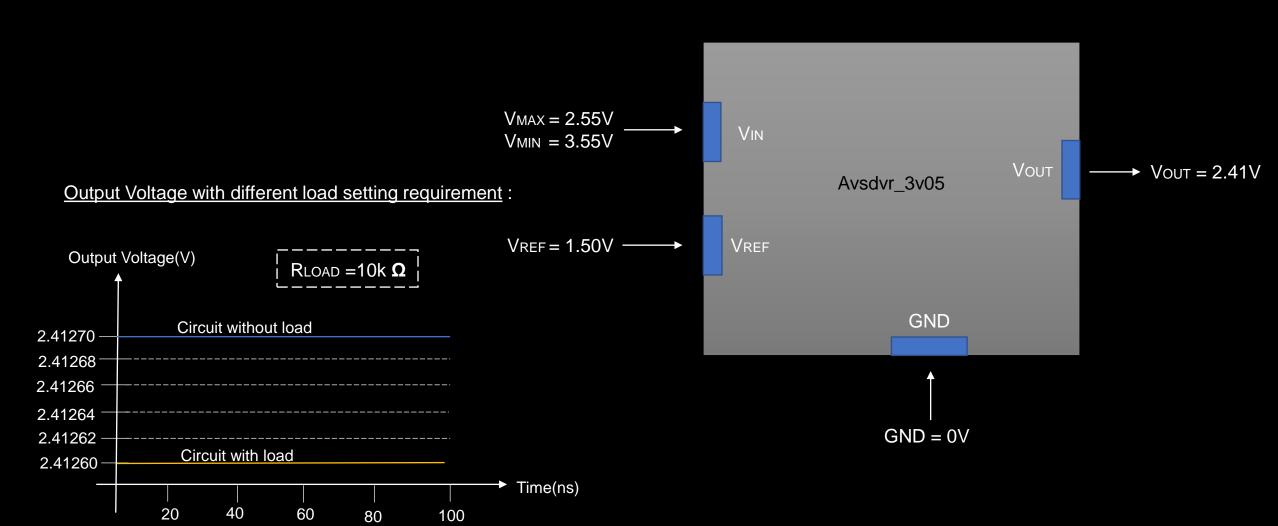


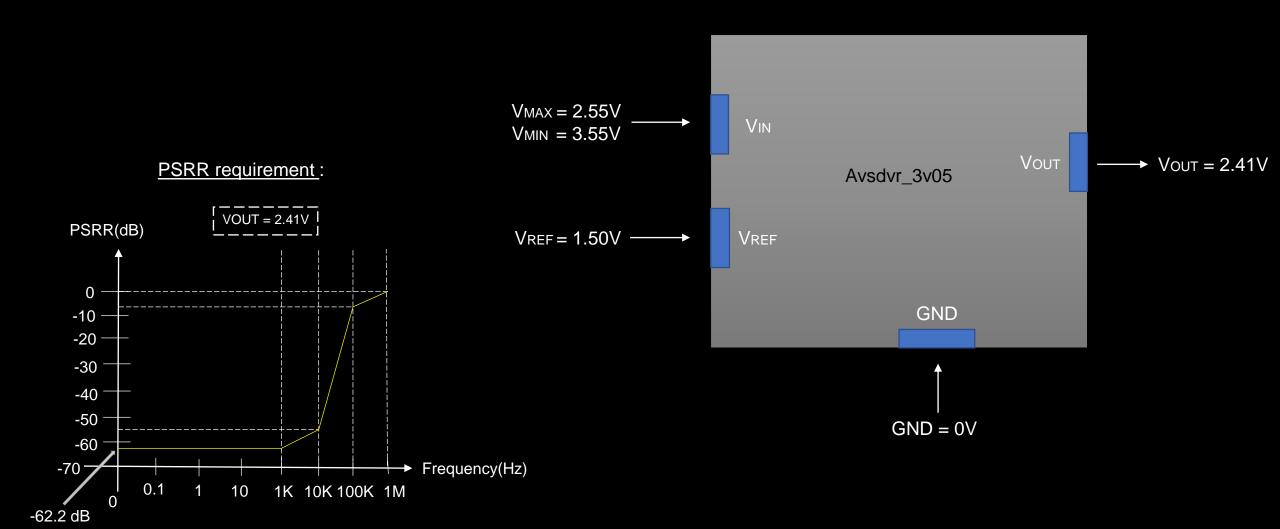
1.5 2.0 2.5 3.0 3.5

0.0









avsdvr_3v05 plots and values needed

- 1) Vout vs V_{IN} (2.55V to 3.55V) at $V_{REF} = 1.50V$
- 2) Input Current and Output Current vs Time at VIN = 2.55V
- 3) Vout vs Time at $V_{IN} = 2.55V, 3.55V$
- 4) Vout vs Time for circuit with load and circuit without load (RLOAD = 10k Ω)
- 5) PSRR vs Frequency at Vouτ = 2.41V