

# Adaptive voltage & frequency scaling (AVFS)

- ▶ Reliably extract the true silicon speed capability of the APU
  - ▶ Includes effects of part-to-part processing, temperature and power delivery
  - ▶ Essentially adds a frequency sensor to existing power and temperature sensors
- ▶ Enables accurate setting of the optimal operating point for a given power or performance level across PVT
  - ▶ Optimal energy efficiency across the entire voltage/temperature operating range

