





Technique	Advantages	Disadvantage
A. R <sub>SENSE</sub>	Accuracy	High power dissipation
B. R <sub>DS</sub>	Lossless	Low accuracy
C. LFilter	Lossless	Known L Proper for output current>10A
D. Observer	Lossless	Known L
E. IAverage	Lossless	Known inductor ESR Average inductor current only
F. Transformer	Lossless	Cost Size Not integratable No I <sub>DC</sub> information Not practical
G. SENSEFET	Lossless Integratable Practical Moderate Accuracy	Matching issues (N <sup>↑</sup> →accuracy↓) Special MOSFETs May have low bandwidth



Georgia





















