

Countermeasure of operation troubles on TPS536C7 Evaluation Board



Situation and Request

- >We need multi phase operation on TPS536C7 to evaluate capacitors for V out.
- >But now this board works only one phase.
- >Could you advice us countermeasure for this trouble with suitable settings of Fusion GUI ?

Observations for evaluation the V out capacitors

- >Ripple noise of V out A on 12 multi phase operation
- >Load Transient from 0A to 200A (+more) on 12 multi phase operation

Our ideals of measuring are figures shown on User's Guide SLUUC26

- >Figure 6-7 Output voltage Ripple (Page 16)
- >Figure 6-11 and 6-12 Load transient (Page 19)