PCN #: PCN009   **Date: December 8th, 2014**

PCN Type: Product enhancement

Product(s) Affected:

PI3301-00-LGIZ	PI3305-00-LGIZ	PI3312-20-LGIZ
PI3301-01-LGIZ	PI3305-20-LGIZ	PI3312-21-LGIZ
PI3301-20-LGIZ	PI3311-00-LGIZ	PI3318-00-LGIZ
PI3301-21-LGIZ	PI3311-01-LGIZ	PI3318-01-LGIZ
PI3302-00-LGIZ	PI3311-20-LGIZ	PI3318-20-LGIZ
PI3302-20-LGIZ	PI3311-21-LGIZ	PI3318-21-LGIZ
PI3303-00-LGIZ	PI3312-00-LGIZ	
PI3303-20-LGIZ	PI3312-01-LGIZ	

Product Change:
Revised regulator module design has been made creating the following enhancements:

1. **Start-Up Monotonicity Improvement** - Output voltage rise monotonicity during startup has been improved over all line/load conditions.

2. **PGD Improvement** - The PGD function has been enhanced to accommodate traditional VR "Power Good" sequencing in addition to existing parallel module synchronization control.

3. **Line Drop Handling Improvement** - Output voltage drop monotonicity has been improved during a line drop event.

No change in existing or pending designs is foreseen with these improvements.

Effective date of change:
All devices noted with product date code 1435 and forward incorporate this change.

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