

## 1. Type of Change (Major or Minor)

Major

## 2. Change Description

The condition for the (AP54RHC505) "Bus-keep Sustaining Current" test is being corrected due to a typographical error and to correctly reflect the test methodology.

### From:

Symbol	Parameter	V <sub>CC</sub> A	Conditions	MIN	TYP	MAX	Units
I <sub>bh</sub> (Hold)	Bus-keep Sustaining Current	5 ±0.5 V	VI = 3.38 V	-	-17	-7.1	μA

### To:

Symbol	Parameter	V <sub>CC</sub> A	Conditions	MIN	TYP	MAX	Units
I <sub>bh</sub> (Hold)	Bus-keep Sustaining Current	5 ±0.5 V	VI = 4.4 V	-	-17	-7.1	μA

## 3. Impact on Product and/or Process

No impact on product or process.

## 4. Justification for Change

Condition corrected due to a typographical error in the condition. The true test condition in production matches the updated specification.

## 5. Change Risk Assessment

Minimal to no risk.

## 6. Qualification Plan

Not applicable.

## 7. Qualification Report

Not applicable.

## 8. Summary

See change description.

## 9. Impacted Device - Document - Process List

AP54RHC505ALT, AP54RHC505BLT, AP54RHC505CLT, AP54RHC505ELT

## 10. Sample Availability Date and Projected Production Shipment

**Sample availability date:** N/A. Please contact Apogee Semiconductor for samples if needed.

**Projected production shipment date:** June 27th, 2025 or upon PCN approval.

## 11. File Attachment