



Premstaetten, Dec.13, 2018

**Product Change Notification PCN37-2018**  
**Performance limitation AS3956**

Dear valuable customer,

All EEPROM memories support a limited number of endurance cycles. We observed during long term tests that the number of EEPROM endurance cycles supported by the AS3956 can be lower than originally targeted. We have updated our datasheet and specifications to reflect the correct number of EEPROM endurance cycles accordingly. EEPROM Read and Write or Read cycles to the 32 byte Buffer memory are unaffected.

**1. Limitation of No. of EEPROM Endurance cycles:**

Particularly at high temperature the number of EEPROM endurance cycles supported is reduced. From long term tests we can guarantee 100 EEPROM endurance cycles over the operating temperature range: junction temperature (-40 to 125C) and process.

**Affected ordering codes:** Please refer to product list on page 2

**Timing of change:**

Immediate

We apologize for any inconvenience caused by ams AG. If you do have further questions please do not hesitate to contact us.

Please be advised that unless we receive your written refusal concerning this PCN within 30 days, the PCN shall be deemed accepted.

Best regards,

A handwritten signature in cursive script, appearing to read 'D. Gleispach'.

Dr Dietmar Gleispachams AG  
Director Operations EAS



## PRODUCT LIST

Product Description	Material ID
AS3956-ATDM-I3 MLPD10 LF T&RDP	193700041
AS3956-ATDM-I4 MLPD10 LF T&RDP	193700045
AS3956-ATDM-S4 MLPD10 LF T&RDP	193700053
AS3956-ATDT-I3 MLPD10 LF T&RDP	193700042
AS3956-ATDT-I4 MLPD10 LF T&RDP	193700046
AS3956-ATDT-S4 MLPD10 LF T&RDP	193700054
AS3956-ATWM-I3 WLP LF T&R	193700069
AS3956-ATWM-I4 WLP LF T&R	193700064
AS3956-ATWM-S4 WLP LF T&R	193700068
AS3956-ATWT-I3 WLP LF T&R	193700006
AS3956-ATWT-I4 WLP LF T&R	193700014
AS3956-ATWT-S4 WLP LF T&R	193700022