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Premstaetten, November 15, 2018

— **Product Change Notification PCN34-2018**  
**Performance limitation AS3955A**

Dear valueable 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 AS3955A can be lower than originally targeted. We have updated our datasheet and specifications to reflect the correct number of EEPROM endurance cycles accordingly. The number of EEPROM Read cycles is unaffected and remains unlimited. Also the number of Write or Read cycles to the 32 byte Buffer memory is 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.

**Bankverbindungen/  
Bankaccounts**  
UniCredit Bank Austria AG, Graz

**IBAN EUR** AT28 1200 0763 1316 1100  
**BIC** BKAUATWW  
**IBAN USD** AT60 1200 0763 1316 1106

**Firmenbuchgericht** Graz  
**Firmenbuch Nr.** FN 34109k

**DVR** 0420352  
**UID/VAT** ATU 28560205



**Affected Products:**

| <b>material ID</b> | <b>product description</b>      |
|--------------------|---------------------------------|
| 501610006          | AS3955A-ATDM-I4 MLPD10 LF T&RDP |
| 501610010          | AS3955A-ATDM-S4 MLPD10 LF T&RDP |
| 501610019          | AS3955A-AWLT-S4 WLP LF T&R      |
| 501610020          | AS3955A-ASWF-S4 SW              |
| 501610021          | AS3955A-AWLM-S4 WLP LF T&R      |
| 501610025          | AS3955A-AWLT-I4 WLP LF T&R      |
| 501610026          | AS3955A-AWLM-I4 WLP LF T&R      |
| 501610027          | AS3955A-ASWF-I4 SW              |
| 501610033          | AS3955A-ATWT-S4 WLP LF T&R      |
| 501610034          | AS3955A-ATWM-S4 WLP LF T&R      |
| 501610038          | AS3955A-ATWT-I4 WLP LF T&R      |
| 501610039          | AS3955A-ATWM-I4 WLP LF T&R      |

**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.

Best regards,

Dr. Dietmar Gleispach  
ams AG  
Director Operations EAS