



ams AG  
Tobelbader Straße 30  
8141 Premstaetten  
Austria

T +43 3136 500-0  
F +43 3136 525-01  
sensors@ams.com  
www.ams.com

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**CN11-2018**  
**CHR70M Test diode pads unbonding**

Dear Customer,

In order to ensure continuous improvement and increase reliability of our products, ams Sensors Belgium has decided to remove test diode bonding wires on CHR70M.

**Impact on product performance**

There will be no impact on product performance. The pins that will no longer be connected, had no use for the operation of the sensor.

**Impact on supply chain**

The implementation into our products will not create a delay in deliveries.

**Impact on reliability/qualification status**

The change is part of our continuous improvement and will ensure better protection against ESD events in rare cases.



The following product versions will be affected:

ams material ID	
Part number	Description
302050004	CHR71000ES-1E5C1PA QA
302050005	CHR71000ES-1E5C1PC QA
302050006	CHR71000HGES-1E5C1PA QA
302060004	CHR71000ES-1E5M1PA QA
302060005	CHR71000ES-1E5M1PN QA
302060006	CHR71000HGES-1E5M1PA QA

**Timing of change**

Ams will introduce this change in the assembly process, as soon as this CN is communicated.

**Verification strategy**

Verification of the operation of the sensors is performed through our production device tests.

**Traceability**

Traceability from assembly with a starting ARF number will be logged.

**Verification of implementation**

Verification of the removed wires will be done visually in the first incoming batches.

If you do have further questions please do not hesitate to contact us.

Best regards,

Michael Pflieger  
ams AG  
Director Operations ISS