

# Product Document



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**CN11-2018**  
**CMV2000 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 CMV2000.

**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            |
| 301760004       | CMV2000-2E12C1PP QA    |
| 301770008       | CMV2000-2E12M1BP SB SE |
| 301770004       | CMV2000-2E12M1LP QA    |
| 301770005       | CMV2000-2E12M1PA QA    |
| 301770006       | CMV2000-2E12M1PN QA    |
| 301770007       | CMV2000-2E12M1PP QA    |
| 301780008       | CMV2000-2E5C1BP SB SE  |
| 301780004       | CMV2000-2E5C1CP QA     |
| 301780005       | CMV2000-2E5C1LP QA     |
| 301780006       | CMV2000-2E5C1PA QA     |
| 301780007       | CMV2000-2E5C1PP QA     |
| 301790004       | CMV2000-2E5M0PN QA     |
| 301790005       | CMV2000-2E5M0PP QA     |
| 301800010       | CMV2000-2E5M1BP SB SE  |
| 301800004       | CMV2000-2E5M1CA QA     |
| 301800005       | CMV2000-2E5M1CP QA     |
| 301800006       | CMV2000-2E5M1LP QA     |
| 301800007       | CMV2000-2E5M1PA QA     |
| 301800008       | CMV2000-2E5M1PN QA     |
| 301800009       | CMV2000-2E5M1PP QA     |
| 301880004       | CMV2000-3E12C1PA QA    |
| 301890004       | CMV2000-3E12M0PP QA    |
| 301900004       | CMV2000-3E12M1CA QA    |
| 301900005       | CMV2000-3E12M1LP QA    |
| 301900006       | CMV2000-3E12M1PP QA    |
| 301860004       | CMV2000-3E5C1CA QA     |
| 301860005       | CMV2000-3E5C1LP QA     |
| 301860006       | CMV2000-3E5C1PA QA     |
| 301860007       | CMV2000-3E5C1PP QA     |
| 301870004       | CMV2000-3E5M1CA QA     |
| 301870005       | CMV2000-3E5M1CP QA     |
| 301870006       | CMV2000-3E5M1LP QA     |
| 301870007       | CMV2000-3E5M1PA QA     |
| 301870008       | CMV2000-3E5M1PN QA     |
| 301870009       | CMV2000-3E5M1PP 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,

A handwritten signature in black ink, appearing to read 'M. Pflieger'.

Michael Pflieger  
ams AG  
Director Operations ISS