

Product Document



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CN11-2018
CMV12000 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 CMV12000.

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 |
| 301980004 | CMV12000HG-1E5C1PA QA |
| 301990004 | CMV12000HG-1E5M1PA QA |
| 302000004 | CMV12000-2E5C1PA QA |
| 302000005 | CMV12000-2E5C1PN QA |
| 302010004 | CMV12000-2E5M1PA QA |
| 302010005 | CMV12000-2E5M1PN QA |
| 302020004 | CMV12000-2E12M1PA QA |
| 302020005 | CMV12000-2E12M1PN QA |
| 302940003 | CMV12000-2E5M0PN 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