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CMV4000 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 CMV4000.

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
301810003	CMV4000-2E12C1PP QA
301820003	CMV4000-2E12M1LP QA
301820004	CMV4000-2E12M1PN QA
301820005	CMV4000-2E12M1PP QA
301820006	CMV4000-2E12M1BP SB SE
301820007	CMV4000-2E12M1PN SG
301830003	CMV4000-2E5C1LP QA
301830004	CMV4000-2E5C1PA QA
301830005	CMV4000-2E5C1PN QA
301830006	CMV4000-2E5C1PP QA
301830007	CMV4000-2E5C1BP SB SE
301840003	CMV4000-2E5M0PN QA
301840004	CMV4000-2E5M0PP QA
301850003	CMV4000-2E5M1LP QA
301850004	CMV4000-2E5M1PA QA
301850005	CMV4000-2E5M1PN QA
301850006	CMV4000-2E5M1PP QA
301850007	CMV4000-2E5M1BP SB SE
301850008	CMV4000-2E5M1PN SG
301910004	CMV4000-3E5C1LP QA
301910005	CMV4000-3E5C1PN QA
301910006	CMV4000-3E5C1PP QA
301910007	CMV4000-3E5C1CA QA
301920004	CMV4000-3E5M0PN QA
301920005	CMV4000-3E5M0PP QA
301930004	CMV4000-3E5M1LP QA
301930005	CMV4000-3E5M1PA QA
301930006	CMV4000-3E5M1PN QA
301930007	CMV4000-3E5M1PP QA
301930008	CMV4000-3E5M1CA QA
301940004	CMV4000-3E12M0LN QA
301950004	CMV4000-3E12M1LP QA
301950005	CMV4000-3E12M1PN QA
301950006	CMV4000-3E12M1PP QA
301950007	CMV4000-3E12M1CA QA
301950008	CMV4000LP-3E12M1PB 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