



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

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', with a horizontal line extending to the right.

Michael Pflieger
ams AG
Director Operations ISS