



ams AG
Tobelbader Straße 30
8141 Premstaetten
Austria

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

Premstaetten, July 16, 2018

PCN25-2018 (Second site for backend final testing)

Dear Customer,

In order to reasonably protect the supply of your products

AS3956-ATWx (please refer to product list on page 2)

and to ensure additional flexibility and capacity to further improve responsiveness and ontime delivery to our customers, ams AG is currently transferring backend service “final test” to our facility in Philippines.

This will enable us to better support the ever increasing demand in today’s dynamic market environment and to have an alternative and ready solution for possible capacity bottlenecks, allocation situations and any other manufacturing issues that may arise and potentially prevent ams AG from meeting our customer’s demands on time.

The final testing of above mentioned devices, previously qualified at ams Fab B, will also be qualified at ams Fab in Philippines.

Our Fab in Philippines has been qualified for final testing a lot of other very similar products since many years.



This change covers only the final test stage of the products.
 Wafer production and frontend services will remain unchanged.

Process Flow Matrix:

	<u>Current supply chain</u>	<u>New supply chain</u>
Wafer Fabrication	unchanged	unchanged
Pre-bump-sort (wafer sorting)	unchanged	unchanged
WLCSP Processing (bumping)	unchanged – at qualified assembly partners	unchanged – at qualified assembly partners
Post-Bump-Sort (final testing)	unchanged: ams (Austria)	new: ams (Austria) or ams (Philippines)
Sawing & Packing	unchanged - ams (Austria) or ams (Philippines)	unchanged - ams (Austria) or ams (Philippines)

The following products will be affected:

Material ID nr	Material description
193700006	AS3956-ATWT-I3 WLP LF T&R
193700014	AS3956-ATWT-I4 WLP LF T&R
193700022	AS3956-ATWT-S4 WLP LF T&R
193700064	AS3956-ATWM-I4 WLP LF T&R
193700068	AS3956-ATWM-S4 WLP LF T&R
193700069	AS3956-ATWM-I3 WLP LF T&R



Timing of change:

The supplemental final testing is fully qualified, the process specific qualifications of new test site will be finished until October/2018. Final tested material from our Fab in Philippines will be delivered from November/2018 onwards.

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

Please be advised that unless we receive your written refusal concerning this PCN within 30 days, the PCN shall be deemed accepted.

Best regards,

A handwritten signature in cursive script, appearing to read 'D. Gleispach'.

Dietmar Gleispach
ams AG
Director Operations
EAS