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Premstaetten, July 16, 2018

PCN25-2018 (Second site for backend final testing)

Dear Customer,

In order to reasonably protect the supply of your product

AS5510-DWLx

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
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 product will be affected:

Material ID nr	Material description
184550025	AS5510-DWLT WLP LF T&R
184550026	AS5510-DWLM 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 September/2018. Final tested material from our Fab in Philippines will be delivered from October/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 black ink, appearing to read 'D. Gleispach'.

Dietmar Gleispach
ams AG
Director Operations
EAS