

<b>PCN tracking number</b>
<b>PCN_2023_002</b>
<b>Date of issue</b>
<b>11/06/2025</b>

## Process or Product Change Notice (PCN)

### Customer information

<b>Process identification:</b>
Any UMS products delivered in QFN plastic packages Catalogue product, ASICs and Packaging services for Foundry
<b>Description of change:</b>
Assembly subcontractor move on new site (10km away from current manufacturing site, GOPENG plant, Malaysia)  Relocating and replicating current manufacturing operation of QFN packages No changes in manufacturing environment class, process flow, control plan, process/control equipment No change in Quality Management System
<b>Reason for change:</b>
Leading edge facilities including extended tunable capacity
<b>Risk analysis &amp; test plan:</b>
<b>Risks per 5M</b> -Equipment (process & control) deviation -Process deviation (process centering, process spread) -Environment (environmental pollution, defect density, hygrometry, temperature) -Human resources, no change in headcount allocation (sustainable training and certification matrix), → risk mitigated since there is no change in assigned headcount/manufacturing and control procedure -Materials, → risk mitigated since there is no change in materials supply change (ie molding compound, epoxy glue, lead-frame, bondings etc)  <b>Risks to be mitigated via test plan</b> 1. Facilities acceptance → <u>Environmental related risk mitigation</u> 2. Equipment/single process acceptance performed by subcontractor → <u>Equipment related risk mitigation</u> 3. Perform full assembly process evaluation → <u>process related risk mitigation</u> See technical presentation UMS_PCN_2023_002_Technical presentation
<b>Anticipated impact on form, fit, function, reliability or environment</b>
Subcontractor QFN assembly move No expected impact on fit, form, function, reliability, nor environment

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<b>Implementation date for change</b> The qualification plan was successfully passed (see attached results) The due date for change implementation is foreseen Mid July 2025
<b>Date of Last Buy Order proposal:</b> No LBO currently considered

**Customer Name**                      **RICHARDSON GmbH**  
**Decision date**

**Reference document JEDEC46: Customer Notification of Product/Process Changes by Semiconductor Suppliers**

Lack of acknowledgement of the PCN within 30 days will constitute acceptance of the change.

After acknowledgement, lack of additional response within the 90 days period will constitute acceptance of the change.