

Product / Process Change Notification

No. PCN-2020-308-01

CUSTOMER NO. 112603
DATE 16-Oct-20
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Renesas Electronics Germany GmbH • Postfach 80 01 34 • 01101 Dresden

PREMIER FARNELL UK LTD

CANAL ROAD, ARMLEY
LS12 2TU LEEDS

UNITED KINGDOM

SUBJECT OF CHANGE / TITLE		Manufacturing Test Operation Transfer
FAMILY / PRODUCTS AFFECTED		ASI4U
MANUFACTURING LOCATION / PRODUCTION LINE		
Actual and discontinued production facility: Renesas Electronics Germany GmbH (REGG) Former: IDT Europe GmbH Grenzstr. 28 01109 Dresden Germany		
New production facility: Renesas Electronics (Penang) Sdn. Bhd. (REPG) Former: Integrated Device Technology (M) Sdn Bhd Bayan Lepas Free Industrial Zone, 11900 Penang, Malaysia		
LEVEL OF CHANGE	<input checked="" type="checkbox"/> Information only	<input type="checkbox"/> Customer Approval required
DESCRIPTION OF CHANGE		
From the viewpoint of the streamlining of the manufacturing sites, a decision has been made to transfer the manufacturing test facilities from Renesas Electronics Germany GmbH in Dresden to Renesas Electronics (Penang) Sdn. Bhd.		
<ul style="list-style-type: none"> Transfer the manufacturing test facilities from Renesas Electronics Germany GmbH, formerly doing business as IDT Europe GmbH, in Dresden (Germany) to Renesas Electronics (Penang) Sdn. Bhd. ("REPG"), formerly doing business as Integrated Device Technology Malaysia SDN.BHD.) in Penang (Malaysia) After successful completion of the transfer, the manufacturing test operation for volume production will be terminated at REGG former IDT Europe GmbH in Dresden (Germany). Transfer of SZ tester platform from Dresden to Penang (wafer- & final test) No change in tester and test programs is applied. 		
Change Flow: -----> Intermediate operation to ensure demand fulfillment.		
<pre> graph LR REGG_WT[REGG WT] --> REPG_WT[REPG WT] REGG_FT[REGG FT] --> REPG_FT[REPG FT] REGG_WT -.-> REPG_FT REGG_FT -.-> REPG_WT </pre>		
Please note: Your release includes an intermediate operation flow with optional deliveries WT and FT from both locations, Dresden and Penang		

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Renesas Electronics Germany GmbH

Managing Director: Carsten Jauch

Registered Office: Grenzstrasse 28, 01109 Dresden, Germany. Postal Address: Postfach 80 01 34, 01101 Dresden, Germany

Registered Court: Local Court Dresden HRB 35678. Value Added Tax Identification No.: DE151798300. Tax-ID-No.: 202/117/07950

Account Relationship: Bank of America (for EUR payments): BIC: BOFADEFXXX, IBAN: DE62 5001 0900 0020 7250 23

Bank of America (for USD payments): BIC: BOFADEFXXX, IBAN: DE84 5001 0900 0020 7250 15

E-mail: Info-Germany@lm.renesas.com, Internet: www.renesas.com

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- Lead scan equipment change from AT268 / SSR-380 (Dresden) to AT268 / AT468 (Penang) possible.



The product itself remains unchanged in form, fit and function.

Item	Evaluation	Result
Man	Operator skills are equivalent. Training and certification procedure are same	Low risk
Machine	Use same equipment from previous test site	Low risk
Method	Use same process flow and quality gates	Low risk
Material	Use same material (specification and supplier)	Low risk
Measurement	Use same test methods, test flows and test programs	Low risk
Environment	Clean room and handling/transfer/storage according to RENESAS worldwide standard	Low risk

RISK ASSESSMENT	Impact to form	Impact to fit	Impact to function
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

DOCUMENTATION (QUALIFICATION TEST DATA) and preliminary PLANNING

Renesas Electronics plans to provide evaluation results according to the below plan.

P/N	Correlation Result Availability	Planned PPAP Submission	Requested PCN Approval Date
ZASC6012BA1R	Feb 2021	Feb 2021	March 2021
ZSSC3170xx	Feb 2021	Feb 2021	March 2021

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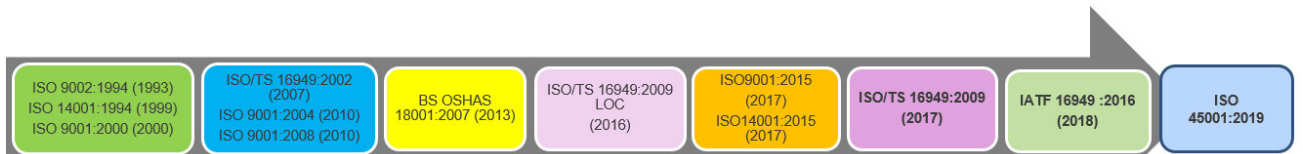
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Renesas Electronics Penang (REPG) – Overview

Renesas Electronics (Penang) Sdn. Bhd. (“REPG”) (formerly known as Integrated Device Technology Malaysia SDN.BHD.) has an established track record in automotive and industrial products, covering Wafer Test as well as Final Test operation.

Founded	Production started in February 1988
Building	Site consists of 6 buildings
Land Area	5 acres
Production Area	145,000 square feet
Workforce	Total 520 employees
Core Activity	Manufacturing (Global Operations Hub)

Product	Automotive, Industrial, Communication, Computing & Consumer
Equipment Types	Teradyne Microflex, J750 Advantest PS800/PS1600, PS9G, HP83K/93K Credance LTX, NI PXI
Scanner, Tape & Reel Types	AT268/468, ICOS T120
Capacity	500 million units per annum



OHSAS 18001:2007



ISO 14001:2015



ISO 9001:2015



IATF16949:2016



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EXPECTED LAST ORDER DATE UNCHANGED MATERIAL upon customer release	EXPECTED LAST SHIPMENT DATE UNCHANGED MATERIAL upon customer release	EXPECTED FIRST SHIPMENT DATE CHANGED MATERIAL upon customer release																
DIFFERENTIATOR OF CHANGED DEVICES Lot Number – full lot traceability for complete supply chain incl. new test facility																		
PART NUMBER CHANGE <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Affected Ordering Code</th> <th style="width: 20%;">Customer Material No</th> <th style="width: 20%;">Ordering Code Change?</th> <th style="width: 30%;">New Ordering Code</th> </tr> </thead> <tbody> <tr> <td>ASI4UE-E-G1-ST</td> <td>2818882</td> <td style="text-align: center;"><input checked="" type="checkbox"/> YES</td> <td></td> </tr> <tr> <td>ASI4UE-G1-MT</td> <td>2818884</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> <td></td> </tr> <tr> <td>ASI4UE-G1-MT</td> <td>2818885</td> <td style="text-align: center;"><input type="checkbox"/> NO</td> <td></td> </tr> </tbody> </table>			Affected Ordering Code	Customer Material No	Ordering Code Change?	New Ordering Code	ASI4UE-E-G1-ST	2818882	<input checked="" type="checkbox"/> YES		ASI4UE-G1-MT	2818884	<input type="checkbox"/> NO		ASI4UE-G1-MT	2818885	<input type="checkbox"/> NO	
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ISSUED BY HL Ang VP Manufacturing Name, Department	Signature Gez. Ang	Date 16-Oct-20																

This document is an attachment to/Dieses Dokument ist eine Anlage zu [PR-035 Product and Process Changes \(Änderungen von Produkten und Prozessen\)](#).

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