

## Product Change Notice

**Issue Date: 27 January 2023****Change Description:**

New MOSFET, Driver IC and LED change to allow business continuity plan for the affected industrial solid state relay (SSR)

**Parts Affected:**

ASSR-1218-003E	ASSR-1410-003E	ASSR-1511-001E	ASSR-1611-301E
ASSR-1218-503E	ASSR-1410-503E	ASSR-1511-301E	ASSR-1611-321E
ASSR-1218-503ME	ASSR-1411-001E	ASSR-1511-501E	ASSR-1611-501E
ASSR-1219-001E	ASSR-1411-301E	ASSR-1520-002E	ASSR-1611-521E
ASSR-1219-301E	ASSR-1411-501E	ASSR-1520-302E	ASSR-5211-001E
ASSR-1219-501E	ASSR-1420-002E	ASSR-1520-502E	ASSR-5211-021E
ASSR-1228-002E	ASSR-1420-302E	ASSR-1530-005E	ASSR-5211-301E
ASSR-1228-302E	ASSR-1420-502E	ASSR-1530-505E	ASSR-5211-321E
ASSR-1228-502E	ASSR-1510-003E	ASSR-1611-001E	ASSR-5211-501E
ASSR-1228-502ME	ASSR-1510-503E	ASSR-1611-021E	ASSR-5211-521E

**Description and Extent of Change:**

New wafer suppliers to support solid-state relay business continuity plan

**Reasons for Change:**

To replace the current disrupted wafer suppliers

**Effect of Change on Fit, Form, Function, Quality, or Reliability:**

There will not be any change in the form and fit of the product. There are changes to existing datasheet specification including, but not limited to Output On-Resistance (Ron); Turn On/Off time and Output leakage Current I<sub>o</sub>(off). All datasheet specification will be finalized after completing qualification.



**Evaluation samples dates and effective Date of Change:**

Broadcom has evaluated the samples meeting datasheet requirement. Samples are available for customer evaluation while Broadcom continues its internal qualification tests.

ASSR-1611 evaluation samples dates: CY Q2 2023

ASSR-12xx/14xx/15xx/5211 evaluation samples dates: CY Q2 2022

Product shipments using this new chipsets change will begin with date-code starting from 2310 (YYWW)

**Qualification Data:**

Full qualification availability ASSR-12xx/14xx/15xx starting from: CY CQ1 2023

Full qualification availability ASSR-5211 starting from: CY CQ2 2023

Full qualification availability ASSR-1611 starting from: CY CQ3 2023

**Software / Firmware Update:**

Not Applicable

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Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements. Please acknowledge the receipt of the notice within 30 days of delivery. Lack of acknowledgement within 30 days constitutes acceptance of the change per JEDEC J-STD-046.