

**Product Change Notice**

Issue Date: 30-Sep-2022

**Change Description:**

LED die replacement for HR5P-Nxxx-00000

**Parts Affected:**

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| HR5P-N1AA-00000 | HR5P-N1AB-00000 |                 |
| HR5P-N1CB-00000 | HR5P-N2CB-00000 | HR5P-N4CB-00000 |
| HR5P-N1FB-00000 | HR5P-N2FB-00000 | HR5P-N4FB-00000 |

**Description and Extent of Change:**

Discontinuation of existing die.

**Reasons for Change:**

Assurance of supply.

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

No change in fit, form, quality, and reliability of the final product. The forward voltage (Vf) of the replacement die is different versus the existing die as shown below:

| Part No         | Vf (Existing Die) - V |      |      | Vf (Replacement Die) - V |      |      |
|-----------------|-----------------------|------|------|--------------------------|------|------|
|                 | Min                   | Typ  | Max  | Min                      | Typ  | Max  |
| HR5P-N1AA-00000 | 1.30                  | 1.65 | 1.80 | 1.30                     | 1.65 | 2.00 |
| HR5P-N1AB-00000 | 1.30                  | 1.58 | 1.80 | 1.30                     | 1.60 | 1.95 |
| HR5P-N1CB-00000 | 1.30                  | 1.58 | 1.80 | 1.30                     | 1.60 | 1.95 |
| HR5P-N2CB-00000 | 1.30                  | 1.70 | 1.90 | 1.30                     | 1.60 | 1.95 |
| HR5P-N4CB-00000 | 1.30                  | 1.42 | 1.80 | 1.30                     | 1.50 | 1.90 |
| HR5P-N1FB-00000 | 1.30                  | 1.58 | 1.80 | 1.30                     | 1.60 | 1.95 |
| HR5P-N2FB-00000 | 1.30                  | 1.70 | 1.90 | 1.30                     | 1.60 | 1.95 |
| HR5P-N4FB-00000 | 1.30                  | 1.42 | 1.80 | 1.30                     | 1.50 | 1.90 |

**Effective Date of Change:**

Parts with the above change will commence 90 days after the issuance date above. Broadcom will continue to ship parts from both die sources after the implementation date until the inventories of the existing die source are fully depleted.

**Qualification Data:**

No change in reliability performance. Qualification data will be provided upon request.

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.