

## Product Change Notice

Issue Date: Feb 28, 2017

**Change Type:**

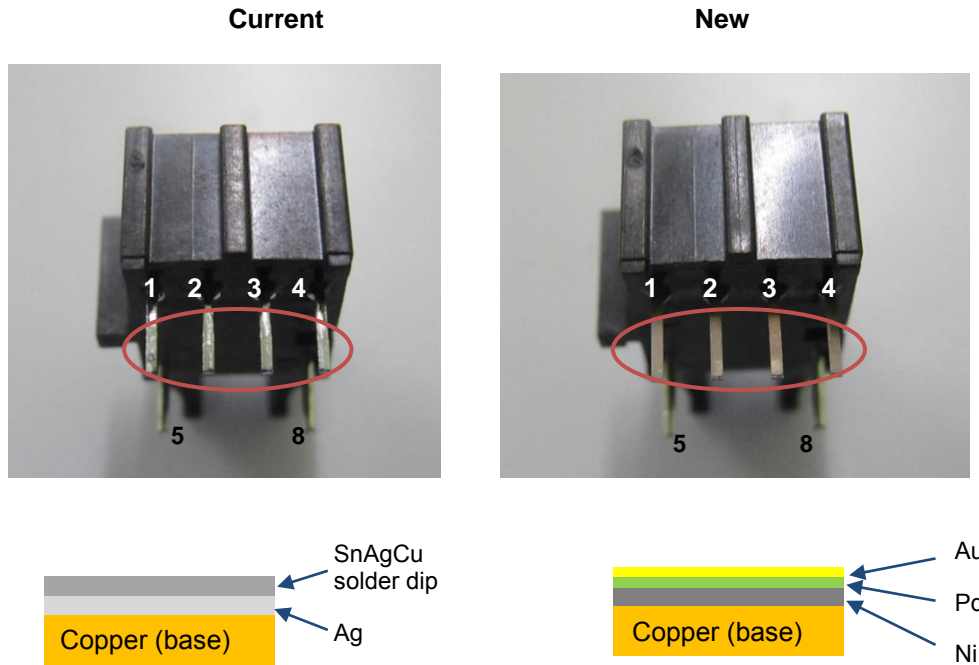
Major

**Parts Affected:**

<b>Transmitters</b>	<b>Receivers</b>	<b>Modules</b>
HFBR-1505AZ	HFBR-2505AZ	QFBR-5592Z
HFBR-1505AFZ	HFBR-2505AFZ	QFBR-5594Z
HFBR-1506AFZ	HFBR-2506AFZ	
HFBR-1506AMZ	HFBR-2506AMZ	
HFBR-1515BFZ	HFBR-2515BFZ	
HFBR-1515BZ	HFBR-2515BZ	
HFBR-1525EZ	HFBR-2525EZ	
QFBR-T515EZ	QFBR-R525EZ	
HFBR-1528Z	HFBR-2528Z	
QFBR-1549Z	QFBR-2549Z	
QFBR-TT02Z	QFBR-TR01Z	
QFBR-T081Z	QFBR-R528Z	
QFBR-T501Z		
QFBR-1570Z		
QFBR-T518Z		
HFBR-1520Z		
HFBR-1527Z		
HFBR-1537Z		
HFBR-1517Z		
HFBR-1527ETZ		
QFBR-1547ETZ		

**Description and Extent of Change:**

Qualify NiPdAu pre-plated lead-frame to adopt industry standard, improve product reliability, product cycle time and to simplify lead-frame supply chain.



Active pins (pin1 to pin4 in red circle): Affected by changing to new NiPdAu lead-frame finish.

Housing staple pins (pin5 and pin8): No Change.

**Reason for Change:**

Eliminate additional solder dip process by implementing NiPdAu Pre-plated lead-frame to improve product reliability, product cycle time and to simplify lead-frame supply chain. Lead frame layout and base material remain unchanged.

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

The product datasheet specification remains the same. Reliability qualifications have been performed to ensure product reliability. Detailed product characterizations were performed to ensure product compliance to datasheet.

**Effective Date of Change:**

Above mentioned change will be effective on or after May 1, 2017 (WW1722). Timing of shipment, on or after May 1, 2017 (WW1722) will vary by part number depending on customer demand, and inventory levels.

**Qualification Data:**

Available.

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These changes have been reviewed and approved by Broadcom Limited engineers and managers per Broadcom Limited procedure: Change Control and Customer Notification, 5962-6052-80.

Please contact your Broadcom Limited field sales for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.