

Product Change Notice

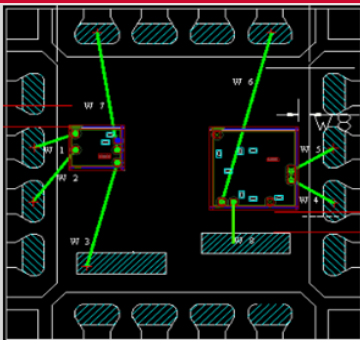
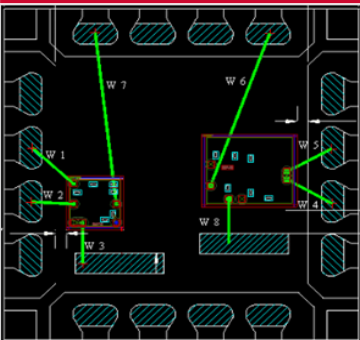
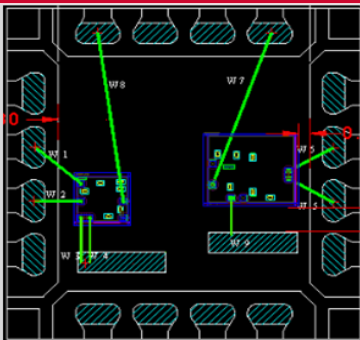
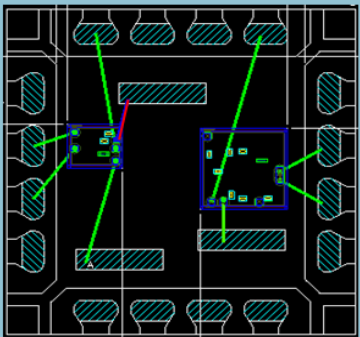
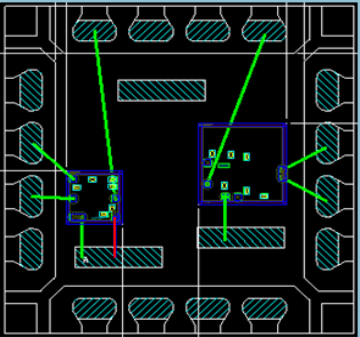
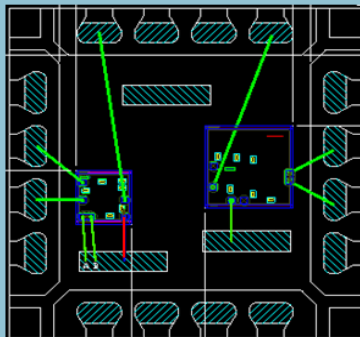
Issue Date: 27-November-2017

Change Type 1:

Assembly Related: Qualification of alternate contract manufacturer for all LPCC, QFN packages.

Change Type2:

Wire bond Related: Add wire bonding.

Type	MGA-13116	MGA-13216	MGA-13316
Current			
New			

Parts Affected:

Please refer to attached Appendix.

Description and Extent of Change:

To qualify an alternate assembly contract manufacturer to ensure continuous supply and improvement for our products.

Reasons for Change:

Change Type 1: Broadcom is qualifying alternate contract manufacturer to ensure production capacity and business continuity. This is part of Broadcom’s strategy to secure and assurance of supply to meet market demands.

Change Type 2: To stabilize the Idd1 parameter and for continuous product improvement.

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

The device specification will remain the same. Electrical characterization and reliability qualification has been performed on representative products to ensure normal parametric distribution, consistent electrical performance, and reliability.

Effective Date of Change:

Product shipments using these changes are targeted in Feb 2018, date code 1809. Timing of actual shipment of the changed part will depend on customer demand and inventory levels.

Qualification Data:

Qualification is in-progress and targeted to complete end November 2017. Customer samples are available and will be provided upon request.

Appendix		
Part Number		
MGA-13116-TR1G	MGA-13116-BLKG	MGA-13116-SG1G
MGA-13216-TR1G	MGA-13216-BLKG	MGA-13216-SG1G
MGA-13316-TR1G	MGA-13316-BLKG	MGA-13316-SG1G
MGA-16116-TR1G	MGA-16116-BLKG	MGA-16116-FJT1
MGA-16216-TR1G	MGA-16216-BLKG	MGA-16216-FJT1
MGA-16316-TR1G	MGA-16316-BLKG	
MGA-31716-TR1G	MGA-31716-BLKG	
MGA-31816-TR1G	MGA-31816-BLKG	MGA-31816-FJ1

The changes to these Broadcom parts have been reviewed and approved by Broadcom engineers and managers per Broadcom procedure: Change Control and Customer Notification A-5962-6052-80.

Please contact your Broadcom Limited field sales engineer or Contact Center (<http://www.broadcom.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.