

Product Change Notice

Issue Date: 11th Dec 2008

Change Type:

Test Related Change: Qualify alternate contract manufacturer for Final Test process.

Parts Affected:

Selected Avago Technologies part numbers from the list below.

ATF-50189-BLK
ATF-50189-TR1
ATF-52189-BLK
ATF-52189-TR1
ATF-53189-BLK
ATF-53189-TR1

Description and Extent of Change:

Avago Technologies Malaysia (Penang) is qualifying another CM for its test operations for the products listed above.

With this change, the new Contract Manufacturer will be using the same testing equipments, processes and materials. All the affected products will still be manufactured according to the same electrical and physical dimension specifications as per product datasheets.

Avago Technologies will ensure that appropriate process controls and monitors are in place at the new contract manufacturer to continue providing customers with high quality products. The contract manufacturer will be given proper quality training and certified to Avago Technologies' standards of manufacturing process operations.

Reasons for Change:

Avago has revised its back-end manufacturing strategy towards enhancing manufacturing flexibility in meeting fluctuating market demand.

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

The product electrical performance will remain the same. There are no changes to electrical specification, external form, fit, function, quality or reliability in the final product. The footprint will also remain the same.

Appropriate correlations and qualifications are being performed to ensure continued high quality and performance.

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

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



Effective Date of Change:

The approximate dates for sample availability, qualification completion and effective date of change for the change above are shown in Table 2 below:

Product Groups	Sample Availability	Qualification Completion	Target Date Of Change
GaAs FET Amplifiers	12 Jan 2009	30 Jan 2009	2 Mar 2009

Table 2: Final Test Transfer Schedule

Mixed shipments are to be expected after the effective date of change. Timing of the shipments of the changed parts will vary depending on customer demand and inventory levels.

Qualification Data:

The products in the list above will be qualified by similarity using the qualification data from ATF-53189 as vehicle.

Note:

* Final Test process change qualification will involve electrical correlation, ESD and COQ.

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

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