



Product Change Notification

PCN Number: 0609003 PCN Date: 2/26/10

Product Change Notification Form

Affected Part: HMC271LP4,HMC271LP4E, HMC305LP4,HMC305LP4E,
HMC542LP4,HMC542LP4E

Description of Change: Replacement of digital interface chip in multi-chip package.

Product Change Category:

Form Fit Function Reliability Obsolete

Reason for Change: Improve process monitoring for the digital interface chip.

Impact to Customers: No impact is anticipated by Hittite Microwave Corporation. It is recommended to review the latest revision of the datasheet at www.Hittite.com. Specific datasheet changes are outlined in page 2 of this PCN notification.

Means of Distinguishing Changed Product: The letter "A" will be added to each part number as in:
HMC271ALP4,HMC271ALP4E,HMC305ALP4,
HMC305ALP4E, HMC542ALP4,HMC542ALP4E

Milestone Dates:

Qualification Samples Available	Qualification Data Available	Shipment of Changed Product	Last-Time Buy for Unchanged Product	Last-Time Delivery for Unchanged Product
12/16/2009	Contact Factory	12/16/2009	06/30/2010	Contact Factory

Hittite Microwave Corporation Contact: _____

Please direct technical inquiries via email to pcn@hittite.com

Please direct price, delivery and order status inquiries via email to sales@hittite.com



HMC271LP4(E)

From

To

Absolute Maximum Ratings

Digital Inputs (Reset, Shift Clock, Latch Enable & Serial Input)	-1.5 to (Vcc + 1.5) Vdc
Bias Voltage (Vcc)	+7.0 Vdc

Absolute Maximum Ratings

Digital Inputs (Reset, Shift Clock, Latch Enable & Serial Input)	-0.5 to (Vcc + 0.5) V
Bias Voltage (Vcc)	+5.6 V

HMC305LP4(E)

From

To

Absolute Maximum Ratings

Digital Inputs (Reset, Shift Clock, Latch Enable & Serial Input)	-1.5 to (Vcc + 1.5) Vdc
Bias Voltage (Vcc)	+7.0 Vdc

Absolute Maximum Ratings

Digital Inputs (Reset, Shift Clock, Latch Enable & Serial Input)	-0.5 to (Vcc + 0.5) V
Bias Voltage (Vcc)	+5.6 V

HMC542LP4(E)

From

To

Absolute Maximum Ratings

Digital Inputs (Reset, Shift Clock, Latch Enable & Serial Input)	-1.5 to (Vcc + 1.5) Vdc
Bias Voltage (Vcc)	+7.0 Vdc

Absolute Maximum Ratings

Digital Inputs (Reset, Shift Clock, Latch Enable & Serial Input)	-0.5 to (Vcc + 0.5) V
Bias Voltage (Vcc)	+5.6 V