



## Customer Information Notification

201508009I

**Issue Date:** 19-Aug-2015  
**Effective Date:** 18-Sep-2015

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



# QUALITY

### Management Summary

LPC1759/58/56/54/52/51 and LPC1769/68/67/66/65/64/63 data sheets updated. SSP interface timing value updated for clarification.

### Change Category

<input type="checkbox"/> Wafer Fab process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab materials	<input type="checkbox"/> Assembly Materials	<input checked="" type="checkbox"/> Electrical spec./Test coverage	<input type="checkbox"/> Mechanical Specification
<input type="checkbox"/> Wafer Fab location	<input type="checkbox"/> Assembly Location	<input type="checkbox"/> Test Location	<input type="checkbox"/> Packing/Shipping/Labeling

## LPC1759/58/56/54/52/51 and LPC1769/68/67/66/65/64/63 Data Sheet Update

### Information Notification

The following data sheets have been updated. Section 12.7 SSP interface timing value, "data out valid time", updated from 2.5 to  $3 \cdot T_{cy}(PCLK) + 2.5$  to prevent misinterpretation. Additional clerical changes also included as described in section 18, "Revision history" in each data sheet.

There are no changes to the product.

The following revised data sheets are available on [www.nxp.com](http://www.nxp.com)

LPC1759/58/56/54/52/51: Rev 8.6

LPC1769/68/67/66/65/64/63: Rev. 9.6

### Why do we issue this Information Notification

For clarification of data sheet parameters.

### Identification of Affected Products

Product identification does not change

These are data sheet updates only. There are no changes to the product

### Impact

no impact to the product's functionality anticipated.

Although no changes have been made to the product, customers should evaluate their applications for marginal timing conditions if the SSP interface is used.

### Data Sheet Revision

A new datasheet will be issued

## Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

**Name** Tim Camenzind  
**Position** Senior Quality Engineer  
**e-mail address** tim.camenzind@nxp.com

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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### Orderable Part#

LPC1765FET100,551

LPC1754FBD80,551

LPC1768FET100,551

LPC1759FBD80,551

LPC1769FBD100,551

LPC1767FBD100,551

LPC1768FBD100,551

LPC1758FBD80,551

LPC1756FBD80,551

LPC1764FBD100,551

LPC1765FBD100,551  
LPC1766FBD100,551  
LPC1751FBD80,551  
LPC1752FBD80,551  
LPC1754FBD80,551  
LPC1765FET100,551  
LPC1763FBD100,551  
LPC1768FET100,551  
LPC1759FBD80,551  
LPC1769FBD100,551  
LPC1767FBD100,551  
LPC1768FBD100,551  
LPC1758FBD80,551  
LPC1756FBD80,551  
LPC1764FBD100,551  
LPC1765FBD100,551  
LPC1751FBD80,551  
LPC1752FBD80,551  
LPC1763FBD100,551