



## Customer Information Notification

202008008I

**Issue Date:** 27-Aug-2020

**Effective Date:** 28-Aug-2020

Dear *Gordon Love*,

Here's your personalized quality information concerning products Premier Farnell PLC purchased from NXP.

For detailed information we invite you to [view this notification online](#)

**This notice is NXP Company Proprietary.**



### Management Summary

The LPC11U6x and LPC11E6x datasheets have been updated for RTC component recommendations.

#### Change Category

- |                                              |                                                              |                                                    |                                         |                                                         |
|----------------------------------------------|--------------------------------------------------------------|----------------------------------------------------|-----------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Wafer Fab Process   | <input type="checkbox"/> Assembly Process                    | <input type="checkbox"/> Product Marking           | <input type="checkbox"/> Test Location  | <input type="checkbox"/> Design                         |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials                  | <input type="checkbox"/> Mechanical Specification  | <input type="checkbox"/> Test Process   | <input type="checkbox"/> Errata                         |
| <input type="checkbox"/> Wafer Fab Location  | <input type="checkbox"/> Assembly Location                   | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware            | <input checked="" type="checkbox"/> Other - Datasheet update |                                                    |                                         |                                                         |

LPC11U6x and LPC11E6x Datasheet Update for RTC Component Recommendations

### Description

The LPC11U6x and LPC11E6x datasheets have been updated for RTC component recommendations.

The LPC11U6x datasheet has been updated to rev 1.5. The updated Section is 14.6 "RTC oscillator component selection" with frequency recommendation. The datasheet can be found on the NXP website: <https://www.nxp.com/docs/en/data-sheet/LPC11U6X.pdf>

The LPC11E6x datasheet has been updated to rev 1.5. The updated Section is 14.5 "RTC oscillator component selection" with frequency recommendation. The datasheet can be found on the NXP website: <https://www.nxp.com/docs/en/data-sheet/LPC11E6X.pdf>

#### Reason

To achieve the best performance and accurate frequency, it is recommended to use  $Cx1 = Cx2 = 24 \text{ pF}$  and  $CL = 12 \text{ pF}$ .

## Identification of Affected Products

Product identification does not change

## Anticipated Impact on Form, Fit, Function, Reliability or Quality

No impact on form, fit, function, reliability or quality.

No impact to existing customers who have validated their RTC circuit. For new customer applications it is recommended to use  $Cx1 = Cx2 = 24\text{pF}$  and  $CL = 12\text{ pF}$  for freq. accuracy.

### Data Sheet Revision

A new datasheet will be issued

## Additional information

Affected products and sales history information: see attached file

Additional documents: [view online](#)



## 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:

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Customer Focus, Passion to Win.

NXP Quality Management Team.

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