



## Final Product Change Notification

202108026F04 : Qualification of Substrate Supplier Daeduck (DDE) for i.MX 6Dual/6Quad, i.MX 6DualPlus/6QuadPlus Product at NXP-ATKL

**Note:** This notice is NXP Company Proprietary.

**Issue Date:** Jan 27, 2022 **Effective date:** Apr 27, 2022

### Management summary

Qualification of DaeDuck (DDE) substrate supplier for the i.MX 6Dual/Quad and the i.MX 6DualPlus/QuadPlus family of devices.

### Change Category

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

## PCN Overview

### Description

NXP Semiconductors is announcing the Qualification of DaeDuck (DDE) substrate supplier for the i.MX 6Dual/Quad and the i.MX 6DualPlus/QuadPlus family of devices at NXP-ATKL.

This PCN is a follow-up to the previously announced APCN: 202108026A for the devices listed in this notification.

Same substrate supplier DaeDuck (DDE) for the i.MX 6Dual/Quad and the i.MX 6DualPlus/QuadPlus

family was qualified at ATK4 and PCN 202108026F01/02/03 was distributed in Dec-2021.

Due to supply constraints, NXP is requesting accelerated approval of the PCN for continuity of supply.

Please contact your NXP sales and marketing representatives for specific details.

Please refer to the attachments for change details and qualification report.

Corresponding ZVEI Delta Qualification Matrix ID: SEM-PA-09, SEM-PA-16

#### **Reason**

DDE substrate supplier to be qualified as assurance of supply.

#### **Identification of Affected Products**

Product identification does not change

### **Product Availability**

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#### **Sample Information**

Samples availability differs by product-see attached sample plan

Please see attached "Details of Change" file for prototype sample part number availability and timing.

#### **Production**

Shipment dates are product specific, see attached plan

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

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No Impact on fit or function, reliability or quality. Form changes due to a difference in color for the DDE substrate.

#### **Disposition of Old Products**

Existing inventory will be shipped until depleted

### **Additional information**

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Self qualification: [view online](#)

Additional documents: [view online](#)

### **Timing and Logistics**

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In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Feb 26, 2022.

### **Contact and Support**

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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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**Position** Product Line Manager  
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At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards. Customer Focus, Passion to Win.

NXP Quality Management Team.

**About NXP Semiconductors**

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

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