



## Customer Information Notification

202109016I : Wafer Fab Transfer Oak Hill Fab to ICN8 and CHD Fabs - Update Sep2021

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

**Issue Date:** Sep 29, 2021 **Effective date:** Sep 30, 2021

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### Management summary

NXP Advanced Analog Business Line wafer fab transfer status update for NXP Oak Hill Fab to Nijmegen Fab (ICN8) and Chandler Fab (CHD).

### Change Category

- |  |   |  |   |   |
|--|---|--|---|---|
| <input type="checkbox"/> Wafer Fab Process   | <input type="checkbox"/> Assembly Process                                 | <input type="checkbox"/> Product Marking           | <input type="checkbox"/> Test Process   | <input type="checkbox"/> Design                         |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials                               | <input type="checkbox"/> Mechanical Specification  | <input type="checkbox"/> Test Equipment | <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 Location  | <input type="checkbox"/> Electrical spec./Test coverage |
| <input type="checkbox"/> Firmware            | <input checked="" type="checkbox"/> Other: Product Transfer Status Update |  |   |   |

## PCN Overview

### Description

Previously (26-Sep-2020), NXP Semiconductors announced the NXP Oak Hill Fab Scale Down activity with Discontinuation Notification 202009030DN for End-of-Life products with no transfer opportunities to new wafer fab sites, and Discontinuation Notification 202009032DN for End-of-Life products with transfer opportunities to new wafer fab sites.

NXP now announces available transfer updates for specific Oak Hill Fab (OHT) to Nijmegen Fab (ICN8) and Chandler Fab (CHD) transfer projects to facilitate customer last buy, or bridge buy planning activities.

Please see the attached transfer status update for details, including:

- Last Order Date extension for several products to accommodate customers purchasing schedules
- Old Oak Hill Fab part number to New ICN8 or CHD Fab part number association
- Anticipated Engineering Samples Date
- Anticipated Product Qualification Date
- Last Shipment Date remains unchanged 01-Dec-2023

Upon successful qualification completion of Nijmegen ICN8 Fab or Chandler Fab for the select products, NXP will issue a Customer Information Notification to relay the final Qualification Results.

### Reason

Intermediate customer communication to relay current transfer status of NXP Semiconductors Oak Hill Fab to Nijmegen ICN8 Fab or Chandler Fab products.

### Identification of Affected Products

New part numbers are created for Nijmegen Fab and Chandler Fab sourced material.

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

No Impact on form, fit, function, reliability or quality

### Additional information

Additional documents: [view online](#)

### Related Notification

Notification	Issue Date	Effective Date	Title
202009030DN	Sep 26, 2020	Sep 27, 2020	NXP Semiconductors Oak Hill Fab Scale Down: Product Discontinuation Notification - Analog, Sensors, Edge Processing

**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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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	New Orderable Part#	12NC New	Product Type New	Product Description New	Product Line	Notes
MC07XS6517BEKR2	934070509518	MC07XS6517B EKR2	Penta2 High Side Switch	HSO54	SOT1747-2	RFS	No	MC07XS6517D EKR2	934072395518	MC07XS6517D EKR2	T07D17 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC07XS6517BEK	934070509574	MC07XS6517B EK	Penta2 High Side Switch	HSO54	SOT1747-2	RFS	No	MC07XS6517D EK	934072395574	MC07XS6517D EK	T07D17 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC08XS6421BEK	934070614574	MC08XS6421B EK	Quad High Side Switch	HSO32	SOT1746-2	RFS	No	MC08XS6421D EK	934072186574	MC08XS6421D EK	Quad High Side Switch	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC08XS6421BEKR2	934070614518	MC08XS6421B EKR2	Quad High Side Switch	HSO32	SOT1746-2	RFS	No	MC08XS6421D EKR2	934072186518	MC08XS6421D EKR2	Quad High Side Switch	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC08XS6421CEK	934071597574	MC08XS6421C EK	Quad High Side Switch	HSO32	SOT1746-4	RFS	No	MC08XS6421D EK	934072186574	MC08XS6421D EK	Quad High Side Switch	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC08XS6421CEKR2	934071597518	MC08XS6421C EKR2	Quad High Side Switch	HSO32	SOT1746-4	RFS	No	MC08XS6421D EKR2	934072186518	MC08XS6421D EKR2	Quad High Side Switch	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC07XSG517EK	934070638574	MC07XSG517E K	T07D17 qualified reel	HSO54	SOT1747-2	RFS	No	MC07XSG517D EK	934072408574	MC07XSG517D EK	T07D17 IMM ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC07XSG517EKR2	934070638518	MC07XSG517E KR2	T07D17 qualified reel	HSO54	SOT1747-2	RFS	No	MC07XSG517D EKR2	934072408518	MC07XSG517D EKR2	T07D17 IMM ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC17XSG500BEKR2	934071634518	MC17XSG500B EKR2	Penta High Side Switch	HSO32	SOT1746-4	RFS	No	MC17XSG500D EKR2	934072411518	MC17XSG500D EKR2	P17 IMM ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC17XSG500BEK	934071634574	MC17XSG500B EK	Penta High Side Switch	HSO32	SOT1746-4	RFS	No	MC17XSG500D EK	934072411574	MC17XSG500D EK	P17 IMM ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC17XS6400CEK	934071599574	MC17XS6400C EK	Quad High Side Switch	HSO32	SOT1746-4	RFS	No	MC17XS6400D EK	934072443574	MC17XS6400D EK	Q17 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC17XS6400CEKR2	934071599518	MC17XS6400C EKR2	Quad High Side Switch	HSO32	SOT1746-4	RFS	No	MC17XS6400D EKR2	934072443518	MC17XS6400D EKR2	Q17 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC40XS6500BEKR2	934070564518	MC40XS6500B EKR2	Penta High Side Switch	HSO32	SOT1746-2	RFS	No	MC40XS6500D EKR2	934072441518	MC40XS6500D EKR2	P40 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC40XS6500BEK	934070564574	MC40XS6500B EK	Penta High Side Switch	HSO32	SOT1746-2	RFS	No	MC40XS6500D EK	934072441574	MC40XS6500D EK	P40 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC40XS6500CEK	934071608574	MC40XS6500C EK	Penta High Side Switch	HSO32	SOT1746-4	RFS	No	MC40XS6500D EK	934072441574	MC40XS6500D EK	P40 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product

MC40XS6500CEKR2	934071608518	MC40XS6500CEKR2	Penta High Side Switch	HSO32	SOT1746-4	RFS	No	MC40XS6500EKR2	934072441518	MC40XS6500EKR2	P40 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC06XS4200FK	934070522557	MC06XS4200FK	24V 6mOhm Dual high side	HPwrQFN23	SOT1938-1	RFS	No	MC06XS4200FK	934072195557	MC06XS4200FK	24V 6mOhm Dual high side	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC06XS4200FKR2	93407052578	MC06XS4200FKR2	24V 6mOhm Dual high side	HPwrQFN23	SOT1938-1	RFS	No	MC06XS4200FKR2	934072195578	MC06XS4200FKR2	24V 6mOhm Dual high side	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC06XS4200BFBK	934070505557	MC06XS4200BFBK	24V 6mOhm Dual high side	HPwrQFN23	SOT1938-1	RFS	No	MC06XS4200BFBK	934072422557	MC06XS4200BFBK	SPD06 PHASEII ICN8	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC06XS4200BFBK2	934070505578	MC06XS4200BFBK2	24V 6mOhm Dual high side	HPwrQFN23	SOT1938-1	RFS	No	MC06XS4200BFBK2	934072422578	MC06XS4200BFBK2	SPD06 PHASEII ICN8	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC10XS4200FK	934070486557	MC10XS4200FK	24V Dual 10mOhm HS Sw	HPwrQFN23	SOT1938-1	RFS	No	MC10XS4200FK	934072197557	MC10XS4200FK	24V Dual 10mOhm HS Sw	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC10XS4200FKR2	934070486578	MC10XS4200FKR2	24V Dual 10mOhm HS Sw	HPwrQFN23	SOT1938-1	RFS	No	MC10XS4200FKR2	934072197578	MC10XS4200FKR2	24V Dual 10mOhm HS Sw	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC10XS4200BFBK	934070604557	MC10XS4200BFBK	SPD10 phasell	HPwrQFN23	SOT1938-1	RFS	No	MC10XS4200BFBK	934072415557	MC10XS4200BFBK	SPD10 PHASEII ICN8	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC10XS4200BFBK2	934070604578	MC10XS4200BFBK2	SPD10 phasell	HPwrQFN23	SOT1938-1	RFS	No	MC10XS4200BFBK2	934072415578	MC10XS4200BFBK2	SPD10 PHASEII ICN8	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC10XS4200BAFK	934070607557	MC10XS4200BAFK	SPD10 phasell	HPwrQFN23	SOT1938-1	RFS	No	MC10XS4200BAFK	934072413557	MC10XS4200BAFK	SPD10 Trim config ICN8	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC10XS4200BAFKR2	934070607578	MC10XS4200BAFKR2	SPD10 phasell	HPwrQFN23	SOT1938-1	RFS	No	MC10XS4200BAFKR2	934072413578	MC10XS4200BAFKR2	SPD10 Trim config ICN8	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC20XS4200BAFK	934070549557	MC20XS4200BAFK	24V 20mOhm Dual high sid	HPwrQFN23	SOT1938-1	RFS	No	MC20XS4200BAFK	934072461557	MC20XS4200BAFK	24V 20mOhm Dual high sid	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC20XS4200BAFKR2	934070549578	MC20XS4200BAFKR2	24V 20mOhm Dual high sid	HPwrQFN23	SOT1938-1	RFS	No	MC20XS4200BAFKR2	934072461578	MC20XS4200BAFKR2	24V 20mOhm Dual high sid	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC20XS4200BFBK	934070641557	MC20XS4200BFBK	24V 20mOhm Dual high sid	HPwrQFN23	SOT1938-1	RFS	No	MC20XS4200BFBK	934072463557	MC20XS4200BFBK	SPD20 P2 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC20XS4200BFBK2	934070641578	MC20XS4200BFBK2	24V 20mOhm Dual high sid	HPwrQFN23	SOT1938-1	RFS	No	MC20XS4200BFBK2	934072463578	MC20XS4200BFBK2	SPD20 P2 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC22XS4200CEKR2	934071643518	MC22XS4200CEKR2	24V 22MOHM DUAL HI SIDE	HSO32	SOT1746-4	RFS	No	MC22XS4200CEKR2	934072452518	MC22XS4200CEKR2	SPD22 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC22XS4200CEK	934071643574	MC22XS4200CEK	24V 22MOHM DUAL HI SIDE	HSO32	SOT1746-4	RFS	No	MC22XS4200CEK	934072452574	MC22XS4200CEK	SPD22 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC50XS4200CEK	934071654574	MC50XS4200CEK	24V 50MOHM DUAL HI SIDE	HSO32	SOT1746-4	RFS	No	MC50XS4200CEK	934072449574	MC50XS4200CEK	SPD50 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC50XS4200CEKR2	934071654518	MC50XS4200CEKR2	24V 50MOHM DUAL HI SIDE	HSO32	SOT1746-4	RFS	No	MC50XS4200CEKR2	934072449518	MC50XS4200CEKR2	SPD50 ICN8 Version	BLC3	Discontinued OHT Fab product replaced by the identified new transfer product
MC33982CHFK	934070462557	MC33982CHFK	SNGL 2MOHMS	HPwrQFN16	SOT1630-1	DOD	No	MC33982EHFK	934072504557	MC33982EHFK	SNGL 2MOHMS	BLC3	Discontinued OHT Fab product replaced by the identified new product
MC33982CHFKR2	934070462528	MC33982CHFKR2	SNGL 2MOHMS	HPwrQFN16	SOT1630-1	DOD	No	MC33982EHFKR2	934072504528	MC33982EHFKR2	SNGL 2MOHMS	BLC3	Discontinued OHT Fab product replaced by the identified new product
MC33981BHFK	934070648557	MC33981BHFK	HF 4.0MOHM RDSON SWITCH	HPwrQFN16	SOT1630-2	DOD	No	MC33981ADHFK	934072502557	MC33981ADHFK	HF 4.0MOHM RDSON SWITCH	BLC3	Discontinued OHT Fab product replaced by the identified new product
MC33981BHFKR2	934070648528	MC33981BHFKR2	HF 4.0MOHM RDSON SWITCH	HPwrQFN16	SOT1630-2	DOD	No	MC33981ADHFKR2	934072502528	MC33981ADHFKR2	HF 4.0MOHM RDSON SWITCH	BLC3	Discontinued OHT Fab product replaced by the identified new product
MC33984CHFK	934070617557	MC33984CHFK	Dual 4mOhms smart	HPwrQFN16	SOT1630-1	DOD	No	MC33984EHFK	934072506557	MC33984EHFK	Dual 4mOhms smart	BLC3	Discontinued OHT Fab product replaced by the identified new product
MC33984CHFKR2	934070617528	MC33984CHFKR2	Dual 4mOhms smart	HPwrQFN16	SOT1630-1	DOD	No	MC33984EHFKR2	934072506528	MC33984EHFKR2	Dual 4mOhms smart	BLC3	Discontinued OHT Fab product replaced by the identified new product
MC33879APEKR2	935317184518	MC33879APEKR2	CONFIG OCTAL SERIAL SW	HSO32	SOT1746-1	DOD	No					BLC3	Discontinued OHT Fab product MC33879APEKR2 replaced by new CHD Fab transfer product MC33879BPEKR2
MC33879APEK	935317184574	MC33879APEK	CONFIG OCTAL SERIAL SW	HSO32	SOT1746-1	DOD	No					BLC3	Discontinued OHT Fab product MC33879APEK replaced by new CHD Fab transfer product MC33879BPEK