



Final Product Change Notification

202212021F01 : T4240, T4160, T4080, B4420 and B4860 Product Family Qualification of Material Changes in Kyocera Substrate

Note: This notice is NXP Company Proprietary.

Issue Date: Jan 12, 2023 **Effective date:** Apr 12, 2023

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Management summary

T4240, T4160, T4080, B4420 and B4860 Product Family Qualification of Material Changes in Kyocera Substrate.

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 checked="" 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 type="checkbox"/> Other			

PCN Overview

Description

NXP is pleased to announce the qualification of material changes in the substrate core and solder mask to ensure supply continuity for the devices listed in this notification.
This material change will take place for substrates manufactured by Kyocera supplier.

Please refer to the attachment for the qualification report.

Reason

Supply Assurance.

Identification of Affected Products

Product identification does not change

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment

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

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

Disposition of Old Products

Existing inventory will be shipped until depleted

Additional information

Self qualification: [view online](#)

Additional documents: [view online](#)

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Feb 11, 2023.

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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NXP Quality Management Team.

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Changed Orderable Part#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
T4240NSE7QTB	935320222557	T4240NSE7QTB	T4240 R2 ST WE 1667	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4240NXE7PQB	935320402557	T4240NXE7PQB	T4240 R2 XT WE 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4240NXN7PQB	935322113557	T4240NXN7PQB	T4240 R2 XT 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4240NSN7PQB	935323503557	T4240NSN7PQB	T4240 R2 ST 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4240NSN7QTB	935324764557	T4240NSN7QTB	T4240 R2 ST 1667	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4240NSE7PQB	935324809557	T4240NSE7PQB	T4240 R2 ST WE 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4240NSE7TTB	935324898557	T4240NSE7TTB	T4240 R2 ST WE 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4240NSN7TTB	935325938557	T4240NSN7TTB	T4240 R2 ST 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4080NXN7PQB	935311976557	T4080NXN7PQB	T4080 R2 XT 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4080NSE7PQB	935320255557	T4080NSE7PQB	T4080 R2 ST WE 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4080NSE7QTB	935320304557	T4080NSE7QTB	T4080 R2 ST WE 1667	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4080NXE7PQB	935322005557	T4080NXE7PQB	T4080 R2 XT WE 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4080NSN7QTB	935322105557	T4080NSN7QTB	T4080 R2 ST 1667	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4080NSN7PQB	935325835557	T4080NSN7PQB	T4080 R2 ST 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NSN7TTB	935313235557	T4081NSN7TTB	T4081 R2 ST 1800/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NXE7PQB	935313315557	T4081NXE7PQB	T4081 R2 XT WE 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NXN7TTB	935316366557	T4081NXN7TTB	T4081 R2 XT 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NXE7QTB	935318852557	T4081NXE7QTB	T4081 R2 XT WE 1600/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NSE7PQB	935318853557	T4081NSE7PQB	T4081 R2 ST WE 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NSE7QTB	935318933557	T4081NSE7QTB	T4081 R2 ST WE 1667/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NXE7TTB	935318935557	T4081NXE7TTB	T4081 R2 XT WE 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NXN7QTB	935322511557	T4081NXN7QTB	T4161 R2 XT 1600/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NXN7PQB	935322522557	T4081NXN7PQB	T4081 R2 XT 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NSN7QTB	935322544557	T4081NSN7QTB	T4081 R2 ST 1667/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NSN7PQB	935323884557	T4081NSN7PQB	T4081 R2 ST 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NSE7TTB	935326097557	T4081NSE7TTB	T4081 R2 ST WE 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4081NSE7NQB	935364733557	T4081NSE7NQB	T4081 R2 ST WE 1333/1600	FCPBGA1932L	SOT1645-1	WIT	No	BLDN
T4081NSN7NQB	935364734557	T4081NSN7NQB	T4081 R2 ST 1333/1600	FCPBGA1932L	SOT1645-1	WIT	No	BLDN
T4160NXE7PQB	935311662557	T4160NXE7PQB	T4160 R2 XT WE 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4160NSN7QTB	935318121557	T4160NSN7QTB	T4160 R2 ST 1667	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4160NXN7PQB	935321959557	T4160NXN7PQB	T4160 R2 XT 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4160NSE7QTB	935322104557	T4160NSE7QTB	T4160 R2 ST WE 1667	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4160NSE7TTB	935323661557	T4160NSE7TTB	T4160 R2 ST WE 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4160NSE7PQB	935325859557	T4160NSE7PQB	T4160 R2 ST WE 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4160NSN7PQB	935325888557	T4160NSN7PQB	T4160 R2 ST 1500	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4160NSN7TTB	935325946557	T4160NSN7TTB	T4160 R2 ST 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NSE7TTB	935313374557	T4161NSE7TTB	T4161 R2 ST WE 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NXN7TTB	935316386557	T4161NXN7TTB	T4161 R2 XT 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NSE7QTB	935316412557	T4161NSE7QTB	T4161 R2 ST WE 1667/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NSE7PQB	935316444557	T4161NSE7PQB	T4161 R2 ST WE 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NXN7PQB	935318848557	T4161NXN7PQB	T4161 R2 XT 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NSN7TTB	935318934557	T4161NSN7TTB	T4161 R2 ST 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NXN7QTB	935322481557	T4161NXN7QTB	T4161 R2 XT 1600/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NXE7PQB	935322498557	T4161NXE7PQB	T4161 R2 XT WE 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NXE7QTB	935323863557	T4161NXE7QTB	T4161 R2 XT WE 1600/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NXE7TTB	935325124557	T4161NXE7TTB	T4161 R2 XT WE 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NSN7PQB	935326061557	T4161NSN7PQB	T4161 R2 ST 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NSN7QTB	935326096557	T4161NSN7QTB	T4161 R2 ST 1667/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4161NSE7NQB	935364735557	T4161NSE7NQB	T4161 R2 ST WE 1333/1600	FCPBGA1932L	SOT1645-1	WIT	No	BLDN
T4161NSN7NQB	935364736557	T4161NSN7NQB	T4161 R2 ST 1333/1600	FCPBGA1932L	SOT1645-1	WIT	No	BLDN
T4241NSE7PQB	935313253557	T4241NSE7PQB	T4241 R2 ST WE 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NSE7QTB	935313303557	T4241NSE7QTB	T4241 R2 ST WE 1667/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NSN7TTB	935313375557	T4241NSN7TTB	T4241 R2 ST 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NSN7PQB	935318887557	T4241NSN7PQB	T4241 R2 ST 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NXE7TTB	935318925557	T4241NXE7TTB	T4241 R2 XT WE 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NSE7TTB	935323853557	T4241NSE7TTB	T4241 R2 ST WE 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NXN7TTB	935323854557	T4241NXN7TTB	T4241 R2 XT 1800/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NXE7QTB	935323862557	T4241NXE7QTB	T4241 R2 XT WE 1600/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NXN7QTB	935323888557	T4241NXN7QTB	T4241 R2 XT 1600/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NXE7PQB	935325098557	T4241NXE7PQB	T4241 R2 XT WE 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NXN7PQB	935325106557	T4241NXN7PQB	T4241 R2 XT 1500/1600	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NSN7QTB	935325126557	T4241NSN7QTB	T4241 R2 ST 1667/1800	FCPBGA1932L	SOT1645-1	RFS	No	BLDN
T4241NSE7NQB	935364737557	T4241NSE7NQB	T4241 R2 ST WE 1333/1600	FCPBGA1932L	SOT1645-1	WIT	No	BLDN
T4241NSN7NQB	935364738557	T4241NSN7NQB	T4241 R2 ST 1333/1600	FCPBGA1932L	SOT1645-1	WIT	No	BLDN
B4860NXE7QUMD	935315373557	B4860NXE7QUMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
B4860NSN7QUMD	935318097557	B4860NSN7QUMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
B4860NSE7QUMD	935322072557	B4860NSE7QUMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
B4860NXN7QUMD	935322075557	B4860NXN7QUMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
B4420NXE7QQMD	935320559557	B4420NXE7QQMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
B4420NXN7QQMD	935320575557	B4420NXN7QQMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
B4420NSN7QQMD	935322081557	B4420NSN7QQMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
B4420NSE7QQMD	935323499557	B4420NSE7QQMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
G4860NXE7QUMD	935315374557	G4860NXE7QUMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
G4860NSN7QUMD	935318098557	G4860NSN7QUMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
G4860NSE7QUMD	935322073557	G4860NSE7QUMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN
G4860NXN7QUMD	935322074557	G4860NXN7QUMD	B4860	FCPBGA1020L	SOT1617-1	RFS	No	BLDN