



## DEVICE MIGRATION

Generic Copy

**ISSUE DATE:** 30-Jun-2013  
**NOTIFICATION:** 15703  
**TITLE:** PX SERIES MCU DEVICE MIGRATION  
**LAST BUY DATE:** 01-Jul-2013  
**LAST SHIP DATE:** 01-Jul-2013

### DEVICE(S)

MPN	REPLACEMENT MPN	REPLACEMENT TYPE	REPLACEMENT REASON
MPXD1005VLQ64	MPXD1005VLQ64 Replaced BY SPC5604SF2VLQ6	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXD1010VLQ64	MPXD1010VLQ64 Replaced BY SPC5606SF2VLQ6	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXD1010VLU64	MPXD1010VLU64 Replaced BY SPC5606SF2VLU6	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXD2020VLT125	MPXD2020VLT125 Replaced BY SPC5645SF1VLT	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXD2020VLU125	MPXD2020VLU125 Replaced BY SPC5645SF1VLU	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXD2020VVU125	MPXD2020VVU125 Replaced BY SPC5645SF1VVU	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXN2020VMG116	MPXN2020VMG116 Replaced BY SPC5668GK0VMG	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXN2120VMG116	MPXN2120VMG116 Replaced BY SPC5668EK0VMG	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXR4030VVU264	MPXR4030VVU264 Replaced BY SPC5673FF3MVR3	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXR4040VVU264	MPXR4040VVU264 Replaced BY SPC5674FF3MVR3	Same Form, Fit & Function, Pin-for-Pin Equivalent	-

MPXS2005VLQ80	MPXS2005VLQ80 Replaced BY SPC5643LF2MLQ8	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXS2010VLQ120	MPXS2010VLQ120 Replaced BY SPC5643LF2MLQ1	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXS2010VLQ80	MPXS2010VLQ80 Replaced BY SPC5643LF2MLQ8	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXS2010VMM120	MPXS2010VMM120 Replaced BY SPC5643LFF2MMM1	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXS2010VMM80	MPXS2010VMM80 Replaced BY SPC5643LFF2MMM1	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXS3010VMM150	MPXS3010VMM150 Replaced BY SPC5673KFF0VMM1	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXS3015VMS180	MPXS3015VMS180 Replaced BY SPC5674KFF0VMS2	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXS3020VMS180	MPXS3020VMS180 Replaced BY SPC5675KFF0VMS2	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
MPXS3020VMS180R	MPXS3020VMS180R Replaced BY SPC5675KFF0VMS2R	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
PPXD2020VVU125	PPXD2020VVU125 Replaced BY SPC5645SF1VVU	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
PPXN2020VMG116	PPXN2020VMG116 Replaced BY SPC5668GK0VMG	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
PPXN2120VMG116	PPXN2120VMG116 Replaced BY SPC5668EK0VMG	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
PPXS2010VLQ120	PPXS2010VLQ120 Replaced BY SPC5643LF2MLQ1	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
PPXS2010VMM120	PPXS2010VMM120 Replaced BY SPC5643LFF2MMM1	Same Form, Fit & Function, Pin-for-Pin Equivalent	-
PPXS3020VMS180	PPXS3020VMS180 Replaced BY SPC5675KFF0VMS2	Same Form, Fit & Function, Pin-for-Pin Equivalent	-

## **DESCRIPTION OF CHANGE**

Freescale is merging the PX series microcontroller line into our extensive portfolio of Qoriwa MCUs. This migration includes the PXS20, PXS30, PXD10, PXD20, PXN20 and PXR40 product families. Below is table of listing of replacements devices.

<u>PX Part</u>	<u>Replacement Part</u>
MPXD1005VLQ64	SPC5604SF2VLQ
MPXD1010VLQ64	SPC5606SF2VLQ6
MPXD1010VLU64	SPC5606SF2VLU6
MPXD2020VLU125	SPC5645SF1VLU
MPXS2005VLQ80	SPC5643LF2MLQ8
MPXS2010VLQ120	SPC5643LF2MLQ1
MPXS2010VLQ80	SPC5643LF2MLQ8
PPXS2010VLQ120	SPC5643LF2MLQ1
MPXD2020VVU125	SPC5645SF1VVU
PPXD2020VVU125	SPC5645SF1VVU
MPXD2020VLT125	SPC5645SF1VLT
MPXR4030VVU264	SPC5673FF3MVR3
MPXR4040VVU264	SPC5674FF3MVR3
MPXN2020VMG116	SPC5668GK0VMG
MPXN2120VMG116	SPC5668EK0VMG
PPXN2020VMG116	SPC5668GK0VMG
PPXN2120VMG116	SPC5668EK0VMG
MPXS2010VMM120	SPC5643LFF2MMM1
MPXS2010VMM80	SPC5643LFF2MMM1
PPXS2010VMM120	SPC5643LFF2MMM1
MPXS3015VMS180	SPC5674KFF0VMS2
MPXS3020VMS180R	SPC5675KFF0VMS2R
MPXS3020VMS180	SPC5675KFF0VMS2
PPXS3020VMS180	SPC5675KFF0VMS2
MPXS3010VMM150	SPC5673KFF0VMM1

## **REASON FOR CHANGE**

Freescale is merging the PX series microcontroller line built on Power Architecture® technology into our extensive portfolio of Qoriwa MCUs.

## **ANTICIPATED IMPACT OF PRODUCT CHANGE(FORM, FIT, FUNCTION, OR RELIABILITY)**

PX series MCUs are a subset of the existing Qorivva MCU portfolio and have equivalent drop in compatible replacement devices within Qorivva family.

---

Freescale will consider specific conditions of acceptance of this change submitted within 30 days of receipt of this notice on a case by case basis. To request further data or inquire about the notification, please enter a [Service Request](#).

For sample inquiries - please go to [www.freescale.com](http://www.freescale.com)

---

**QUALIFICATION STATUS:** N/A

**QUALIFICATION PLAN:**

N/A

**RELIABILITY DATA SUMMARY:**

N/A

**ELECTRICAL CHARACTERISTIC SUMMARY:**

N/A

---

**CHANGED PART IDENTIFICATION:**

N/A

**SAMPLE AVAILABILITY DATE:** 30-May-2013

---

**ATTACHMENT(S):**

N/A

---