



Discontinuation Notification

201803039DN

Issue Date: 13-Apr-2018
Effective Date: 14-Apr-2018

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



QUALITY

Discontinuation Notification for RF Power Products

Discontinuation Information

NXP is announcing the discontinuance of the select RF Power device(s) listed in this notification. All orders for the discontinued product must be received by the last buy date. After the last buy date, no accepted order may be cancelled or changed and no returns of delivered products will be accepted. This Product Discontinuance is the final notice for customer to place an order for the discontinued product. Derivative devices of a discontinued product family will have the same Last Time Buy Date and Last Time Delivery Date as this Product Discontinuance even if the derivative is first produced after the date of this Product Discontinuance notice. Products requiring failure analysis, additional testing or other service after the last ship may be subject to additional fees and availability of equipment, materials, or other hardware and software.

This Discontinuation Notice confirms to your company that NXP Semiconductors (NXP) is now discontinuing the manufacture of a number of its integrated circuits and discrete semiconductors listed in the Part Type Affected list included with this notification. In accordance with NXP product discontinuation policy and JEDEC EIA/JESD48, we are hereby giving notice of these product changes so that Digi-Key can adjust their product purchasing records, or make any final lifetime purchases of the discontinued products that can still be supplied by NXP.

While this Discontinuation Notice contains a number of NXP discontinued end-of-life Product Types, the Part Types Affected (PTA) list represents a small percentage of NXP overall semi-conductors product portfolio. Some of these discontinued products have had little to no recent sales history or they are at the end-of-life (EOL) stage. The PTA list may also cover a number of versions or selections of the same basic Product Type.

We regret the inconvenience and impact this notice may cause. NXP Semiconductors' sales, marketing and distribution personnel stand ready to assist you in placing Digi-Key's final orders, or in providing product information you require. On behalf of NXP Semiconductors, we appreciate your understanding and assistance in helping us to help you minimize the impact of this product discontinuation on your company. We look forward to NXP Semiconductors' continued support of your company's semiconductor requirements in the years to come.

Additional information

Affected products and sales history information: see attached file

Terms and Conditions

Last Time Buy Terms and Conditions

Carefully review this information and notify your purchasing offices and buyers to place your company's final purchases for available discontinued products with NXP as soon as possible according to the following last time buy terms and conditions.

GENERAL:

Last time ordering conditions may vary by product. Refer to Parts Types Affected List. The Last Time Buy Date automatically expires when the final available discontinued part type inventory quantity or production unit has been scheduled and/or sold by NXP.

1. DELIVERY DATES:

Last time delivery conditions may vary by product. Refer to the DN Parts Affected List. NXP final delivery date(s) may be affected by limited supply conditions.

2. ORDER PLACEMENT:

Discontinued product orders placed with NXP are to be clearly identified as a "Last Time Buy" order. Each order must: (a) reference NXP Discontinuation Notice that applies (b) contain your company's requested delivery dates per this notice; (c) be within the minimum order quantity requirements in an existing volume purchase agreement or meet NXP standard minimum order policy; and (d) otherwise conform to all other applicable conditions in this notice.

3. PRICING:

The unit sales price for purchase of the available discontinued products covered by this notice will be as follows:

- a.) If a current signed volume purchase agreement is on file in NXP contracts-legal department, the unit price will be the effective agreement part type unit price for any unordered product quantities covered by such agreement. For quantities beyond the applicable unordered volume agreement quantity, the unit price will be subject to negotiation.
- b.) If a valid offer-to-sell standalone quote is still in effect during the last time ordering period, the unit price shall remain as originally quoted by NXP for the offered part type quantities until the quote has expired, or until the quoted quantities have been purchased.
- c.) Where a volume purchase agreement or a NXP standalone quote is not in effect, the product unit price will be subject to NXP individual price quotation of your company's last time buy requirements.

4. ACKNOWLEDGEMENT & DELIVERY:

NXP will acknowledge (Confirm) each acceptable discontinued product order in writing or by electronic data interchange ("EDI"), and NXP will use its good faith efforts to meet your company's requested delivery date(s) wherever possible. However, NXP confirmed delivery date(s) are deemed to be approximate because of the special circumstances associated to last time product manufacturing conditions.

5. ORDER ACCEPTANCE/CHANGECONDITIONS:

- a) NXP will accept last time discontinued products orders from your company as "Firm and Final". As such, these discontinued products orders will not be subject to reschedule, cancellation, or termination by your company without NXP prior written authorization and payment of termination charges for the ordered discontinued products at the full product unit sales price.
- b) NXP reserves its right to make changes in NXP confirmed scheduled delivery dates, or to terminate any remaining undelivered quantities of your company's last time buy order(s), at any time, due to changes in NXP last time manufacturing capabilities, or for commercially impracticable circumstances, which makes delivery not feasible.

6. QUANTITIES:

The following priority supply conditions apply to final buy quantities for available discontinued products.

- a) FIRST: The quantities in any existing unfilled orders and contracts acknowledged by NXP will be honored, then
- b) NEXT: The unfilled quantities in any volume agreement(s) or quantities in unexpired standalone quote(s) will be accepted, and
- c) FINALLY: NXP shall, where possible, reasonably accept additional quantities of discontinued product order quantities that NXP quotes based upon your company's identified requirements.

IN THE EVENT OF CONFLICT FOR LIMITED AVAILABILITY DISCONTINUED PRODUCTS, THE QUANTITIES FOR NXP CUSTOMERS, OR NXP DISTRIBUTORS, ORDERS WILL BE DETERMINED BY NXP ON A "FIRST-COME FIRST-SERVE BASIS". THESE DISCONTINUED PRODUCTS ORDER QUANTITIES WILL ALSO BE SUBJECT TO NXP AVAILABLE INVENTORY AND REMAINING MANUFACTURING CAPACITY FOR THE DISCONTINUED PRODUCTS.

7. DISTRIBUTION SALES:

If you are a NXP distributor customer, please contact your authorized NXP distributor sales representative for assistance in planning and making any last time purchase(s) of available discontinued products. Such purchases are to be negotiated solely between your company and the distributor. You may also find additional information about NXP discontinued products on our discontinued products Internet web site at: <http://www.nxp.com/products/eol/> or Extranet site link

8. LIMITED WARRANTY:

All discontinued product orders subject to this notice shall carry (a) NXP standard limited warranty as contained in NXP order acknowledgement or confirmation form, or (b) the applicable warranty set forth in a duly executed formal contract between NXP and your company; provided that:

- a) NXP will accept all valid discontinued product warranty claims for credit only, unless a replacement order is otherwise agreed to by NXP and the replacement product(s) can still be manufactured or otherwise delivered from NXP remaining product inventory; and
- b) The applicable warranty period for making any return claims for discontinued products subject to this notice will be no longer than ninety (90) days following final delivery date of the discontinued products; and
- c) Any return claims must be made under NXP current Return Material Authorization ("RMA") procedures.
- d) Except for NXP special distributor stock rotation policy returns only, there is no restocking of purchased discontinued product quantities allowed by NXP from its customers or from its distributors.

Disclaimer and Additional Provisions

Except as provided for elsewhere in this notice, the applicable terms and conditions of sale for NXP discontinued products will be the unmodified standard terms and conditions in NXP order acknowledgement or order confirmation form, incorporated herein in its entirety by this reference. Otherwise, the applicable, the terms and conditions contained in a duly signed contract in force between our companies shall apply.

NXP SEMICONDUCTORS ACCEPTS NO LIABILITY FOR EXCESS REPROCUREMENT COSTS, LABOR COSTS, OR LIABILITY FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES WHATSOEVER ASSOCIATED TO NXP DISCONTINUED PRODUCTS, OR ASSOCIATED WITH NXP FINAL MANUFACTURE AND PERFORMANCE AGAINST ANY LAST TIME BUY ORDERS RELATED TO THE DISCONTINUED PRODUCTS COVERED BY THIS NOTICE.

Discontinued Product Terminology: Part Types Affected List

- **Orderable Part Number**
NXP Part Number which includes part type and packing designator as referenced on the Customer order.
- **Customer Part Number**
Customer Part Number as referenced in the NXP 3 year order/ship history.
- **Discontinued Part Number**
NXP part number as carried by NXP Product Data Management database (Enovia)
- **Discontinuation Type**
Short description of the withdrawal status. Products listed as Full Withdrawal indicate that all Product Types with similar functionality are being discontinued. Products listed as Version Withdrawal indicates that a specific version or package is being discontinued but at least one other Product Type with similar functionality is still available.
- **Availability Non-Manufacturable:**

Some Product Types may not be available and are identified as Non-Manufacturable. NXP can no longer produce these products and no supply or inventory exists for various reasons such as not acceptable product quality or unique manufacturing restrictions. Non-Manufacturable products cannot have a last time buy for commercially impracticable reasons.

- **Availability Limited:**
For Limited Availability Product Types, a unique manufacturing or limited inventory or time condition exists. Where Limited Availability coded products are still manufacturable, a limited quantity of the Product Type has been, or will be, produced within NXP remaining capacity to meet our customers, or our distributors, commercially reasonable last time buy orders. Limited Availability products will be scheduled by NXP on a first-come/first-serve basis until the remaining Product Type manufacturing capacity or inventory is depleted. When the inventory for the Limited Availability Product Type is depleted, no additional last time buy order Product Type quantities can be supplied by NXP.
- **Availability Standard End of Life:**
Standard End of Life Products Types have no known supply restriction and NXP customers and distributors' last time buy orders can be met according to NXP discontinued product (DOD) policy.
- **Source**
Sole Source indicates that the Product Type being discontinued is unique to NXP Semiconductors. Multiple Sources indicates that the Product Type being discontinued could be available through other suppliers.
- **Discontinued Part Last Time Buy Date**
Date indicates the last date NXP will accept an order on the discontinued product. NXP allows a six (6) month last order period for multiple-source products and a nine (9) month last order period for sole-source discontinued products or customer specific products. Last Time Buying is not possible for "Non-Manufacturable" discontinued products. "Limited availability" discontinued products are subject to the remaining product inventory, or limited manufacturing conditions set forth in the DN notice. Ordering shall be limited on a first-come/first serve condition until the remaining product capacity or inventory has been sold. All Last Time Buy order periods are measured from the Issue Date of the Discontinuation Notice.
- **Discontinued Part Last Time Delivery Date**
Date indicates the last date NXP will ship a discontinued product. Unless a Non-Manufacturable or Limited Availability condition and shorter time period is indicated in the PTA, NXP allows a twelve (12) month delivery time period for discontinued products measured from the Issue Date of the Discontinuation Notice. (For some products, NXP may extend the Last Time Delivery date beyond the standard horizon.)
- **Discontinued Part 12nc**
NXP 12nc number represents the NXP master internal manufacturing control identification number for reference to each part type, version of the part type or packaging/conditioning (3 last digits), being discontinued
- **Discontinued Part Description**
NXP short Product Type description or a brief Product Type description of the discontinued product supplied by the responsible Product Group.
- **Package Name:**
Discontinued Part Number Package Type description
- **Replacement Part Number**
Any known NXP replacement product for the discontinued NXP type number is reference only information. NXP replacement part designation is NOT intended as a statement of warranty, or an indication that the listed replacement product meets the same form, fit, function or performance of the discontinued product until such time as NXP customers or distributors qualify such product to their specifications.
- **Replacement 12nc**
Any known NXP replacement 12nc for the discontinued NXP type number is reference only information. NXP replacement part designation is NOT intended as a statement of warranty, or an indication that the listed replacement product meets the same form, fit, function or performance of the discontinued product until such time as NXP customers or distributors qualify such product to

their specifications.

- **Remarks**

Additional information about the discontinued products

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:

Name Michael McCloskey
Position Sustaining Product Engineering Manager
e-mail address michaelmccloskey@NXP.com

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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Discontinued Orderable Part Number	Discontinued Part 12NC	Discontinued Part Number	Discontinued Part Description	Last Time Buy Date	Replacement Orderable Part#	Replacement part 12NC	Replacement Part Number	Replacement Part Description
MD7IC2012GNR1	935317892528	MD7IC2012GNR1	HV7IC 2GHZ12W TO270WB14G	13-Oct-2018	A2I20D020NR1	935313237528	A2I20D020NR1	AF7IC 2GHZ 20W TO270WB17
MW7IC2040NBR1	935314052528	MW7IC2040NBR1	HV7 1990MHZ TO272WB16	13-Jan-2019	A2I20D040NR1	935316291528	A2I20D040NR1	AF7IC 2GHZ 40W TO270WB17
MW7IC2040GNR1	935323049528	MW7IC2040GNR1	HV7 1990MHZ TO270WB16G	13-Oct-2018	A2I20D040NR1	935316291528	A2I20D040NR1	AF7IC 2GHZ 40W TO270WB17
MW7IC2425GNR1	935319487528	MW7IC2425GNR1	HV7 2400MHZ4W TO270WB16G	13-Oct-2018	A2I25D025NR1	935315964528	A2I25D025NR1	AF7IC 2.5GHZ12W TO270WB1
MW7IC2425NBR1	935319486528	MW7IC2425NBR1	HV7 2400MHZ 4W TO272WB16	13-Oct-2018	A2I25D025NR1	935315964528	A2I25D025NR1	AF7IC 2.5GHZ12W TO270WB1
AFT26H050W26SR3	935311268128	AFT26H050W26SR3	HV9 2.6GHZ50W NI780-4L4L	13-Oct-2018	A2I25H060NR1	935322312528	A2I25H060NR1	2.5GHZ 60W TO270WB17
AFT26H050G5SR3	9353232329128	AFT26H050G5SR3	HV9 2.6GHZ50W NI780-4S4G	13-Oct-2018	A2I25H060NR1	935322312528	A2I25H060NR1	2.5GHZ 60W TO270WB17
MRF8S170NR3	935319515528	MRF8S9170NR3	HV8 900MHz 50W OM780-2	13-Oct-2018	A2T07D160W045R3	935315451128	A2T07D160W045R3	AF 700MHz 160W NI780S-4
MRF8S18120HSR3	935310108128	MRF8S18120HSR3	HV8 1.8GHZ 120W NI780HS	13-Oct-2018	A2T18S166W12SR3	935363021128	A2T18S166W12SR3	1.8GHz 166 W NI-780S-2L2
AFT215220W2GSR3	935324807128	AFT215220W2GSR3	2.1GHZ 220W NI780GS-2L	13-Apr-2019	A2T21S260-12SR3	935320716128	A2T21S260-12SR3	2.1GHZ NI780S-2L2L
AFT23S160W02GSR3	935315216128	AFT23S160W02GSR3	HV9 2.3GHZ 160W NI780S-2	13-Apr-2019	A2T23H200W23SR6	935347117128	A2T23H200W23SR6	2.3GHZ 200W ACP1230S-4L2
AFT26P100-4WSR3	935320111128	AFT26P100-4WSR3	AF7 2.6GHZ 100W NI780S-2	13-Oct-2018	A2T26H160-24SR3	935315428128	A2T26H160-24SR3	AF 2.6G 160W NI780-4L2L
AFT26H250W03SR6	935323483128	AFT26H250W03SR6	HV9 2.8V 48W NI1230S-4S	13-Oct-2018	A2T26H300-24SR6	935318674128	A2T26H300-24SR6	2.6GHZ NI1230S-4L2L
MRF6VP21KHR5	935313977178	MRF6VP21KHR5	VHV6 225MHZ 1000W NI1230	13-Oct-2018	AFV121KHR5	935323779178	AFV121KHR5	VHV8 1KW 50V NI1230H-4S
MMA20312BT1	935321543547	MMA20312BT1	31dBm GaAs Amp QFN3X3-12	13-Oct-2018	MMA20312BVT1	935310845547	MMA20312BVT1	31dBm GaAs PA3-5V 3X3-12
MMG20271HT1	935317362167	MMG20271HT1	27DBM GaAs Amp QFN3X3-12	13-Oct-2018	MMG15241HT1	935321561147	MMG15241HT1	24DBM GPA SOT89A
MMG3004NT1	935309539528	MMG3004NT1	27DBM 16.5DB GPA 5X5PQFN	13-Oct-2018	MMG3014NT1	935317025147	MMG3014NT1	24DBM P1DB GPA SOT89
MRF6V13250HR5	935314557178	MRF6V13250HR5	VHV6 250W 50V NI780H	13-Oct-2018	MRFBVP13350NR5	935316089578	MRFBVP13350NR5	VHV8 900MHz 95W OM780-4
MRF6V2300NR5	935309909578	MRF6V2300NR5	VHV6 300W TO270WB4N	13-Oct-2018	MRFBVP5300NR1	935312013528	MRFBVP5300NR1	VHV6E 300W ISM TO270WB4
MRF6V2300NBR5	935309671578	MRF6V2300NBR5	VHV6 300W TO272WB4N	13-Oct-2018	MRFBVP5300NR1	935312013528	MRFBVP5300NR1	VHV6E 300W ISM TO270WB4
MRF6V2300NBR1	935309671528	MRF6V2300NBR1	VHV6 300W TO272WB4N	13-Oct-2018	MRFBVP5300NR1	935312013528	MRFBVP5300NR1	VHV6E 300W ISM TO270WB4
MRF6VP260DHR5	935319433178	MRF6VP260DHR5	VHV6 600W 225MHZ NI1230	13-Oct-2018	MRFBVP5600HR5	935310538178	MRFBVP5600HR5	VHV6 600W 50V NI1230H
MRF6VP41KHR5	935309561778	MRF6VP41KHR5	VHV6 450MHZ 1000W NI1230	13-Oct-2018	MRFBVP61K25HR5	935314411178	MRFBVP61K25HR5	VHV6 1.25KW ISM NI1230H
MRF6P3300HR3	935309635128	MRF6P3300HR3	HV6 900MHz 300W NIB50ML	13-Oct-2018	MRFBVP8600HR5	935318365178	MRFBVP8600HR5	VHV8 600W 50V NI1230H-4S
MMG3003NT1	935316719147	MMG3003NT1	20DB 24DBM GEN PURP AMP	13-Oct-2018				