



## Discontinuation Notification

201806003DN

**Issue Date:** 21/06/2018

**Effective Date:** 30/06/2018

Here is your personalized quality information concerning products our customers and partners purchased from Ampleon.

### 2018 Mid-Year Product Discontinuation Notification

#### Discontinuation Information

This Discontinuation Notice confirms to your company that Ampleon 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 Ampleon product discontinuation policy and JEDEC EIA/JESD48, we are hereby giving notice of these product changes so that our customers and partners can adjust their product purchasing records, or make any final lifetime purchases of the discontinued products that can still be supplied by Ampleon. While this Discontinuation Notice contains a number of Ampleon discontinued end-of-life Product Types, the Part Types Affected (PTA) list represents a small percentage of Ampleon overall semiconductors 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. Ampleon sales, marketing and distribution personnel stand ready to assist you in placing our customers and partners's final orders, or in providing product information you require. On behalf of Ampleon, 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 Ampleon continued support of your company's semiconductor requirements in the years to come.

#### 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 Ampleon 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 Ampleon.

##### 1. DELIVERY DATES:

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

##### 2. ORDER PLACEMENT:

Discontinued product orders placed with Ampleon are to be clearly identified as a "Last Time Buy" order. Each order must: (a) reference Ampleon 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 Ampleon 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 Ampleon 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 Ampleon 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 Ampleon standalone quote is not in effect, the product unit price will be subject to Ampleon individual price quotation of your company's last time buy requirements.

### 4. ACKNOWLEDGEMENT & DELIVERY:

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

### 5. ORDER ACCEPTANCE/CHANGE CONDITIONS:

a) Ampleon 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 Ampleon prior written authorization and payment of termination charges for the ordered discontinued products at the full product unit sales price.

b) Ampleon reserves its right to make changes in Ampleon 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 Ampleon 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 Ampleon 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: Ampleon shall, where possible, reasonably accept additional quantities of discontinued product order quantities that Ampleon quotes based upon your company's identified requirements. IN

THE EVENT OF CONFLICT FOR LIMITED AVAILABILITY DISCONTINUED PRODUCTS, THE QUANTITIES FOR Ampleon CUSTOMERS, OR Ampleon DISTRIBUTORS, ORDERS WILL BE DETERMINED BY Ampleon ON A "FIRSTCOME FIRSTSERVE BASIS". THESE DISCONTINUED PRODUCTS ORDER QUANTITIES WILL ALSO BE SUBJECT TO Ampleon AVAILABLE INVENTORY AND REMAINING MANUFACTURING CAPACITY FOR THE DISCONTINUED PRODUCTS.

#### 7. DISTRIBUTION SALES:

If you are a Ampleon distributor customer, please contact your authorized Ampleon 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 Ampleon discontinued products and replacement parts on our Internet web site at: <http://www.ampleon.com/support/discontinued-and-replacement-parts.html>.

#### 8. LIMITED WARRANTY:

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

a) Ampleon will accept all valid discontinued product warranty claims for credit only, unless a replacement order is otherwise agreed to by Ampleon and the replacement product(s) can still be manufactured or otherwise delivered from Ampleon 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 Ampleon current Return Material Authorization ("RMA") procedures.

d) Except for Ampleon special distributor stock rotation policy returns only, there is no restocking of purchased discontinued product quantities allowed by Ampleon 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 Ampleon discontinued products will be the unmodified standard terms and conditions in Ampleon 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.

AMPLEON ACCEPTS NO LIABILITY FOR EXCESS REPROCUREMENT COSTS, LABOR COSTS, OR LIABILITY FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES WHATSOEVER ASSOCIATED TO Ampleon DISCONTINUED PRODUCTS, OR ASSOCIATED WITH Ampleon 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**

Ampleon Part Number which includes part type and packing designator as referenced on the Customer's order.

### **Customer Part Number**

Customer Part Number as referenced in the Ampleon 3 year order/ship history.

### **Discontinued Part Number**

Ampleon part number as carried by Ampleon Product Data Management database (Enovia)

### **Discontinuation Type**

Short description of the withdrawal status. Products listed as a Full Withdrawal indicate that all Product Types with similar functionality are being discontinued. Products listed as a 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 NonManufacturable. Ampleon 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". NonManufacturable 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 Ampleon remaining capacity to meet our customers, or our distributors, commercially reasonable last time buy orders. Limited Availability products will be scheduled by Ampleon on a firstcome/ firstserve 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 Ampleon.

### **Availability Standard End of Life:**

Standard End of Life Products Types have no known supply restriction and Ampleon customers and distributors' last time buy orders can be met according to Ampleon discontinued product (DOD) policy.

### **Source**

Sole Source indicates that the Product Type being discontinued is unique to Ampleon. 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 Ampleon will accept an order on the discontinued product. Ampleon allows a six (6) month last order period for multiplesource products and a nine (9) month last order period for solesource discontinued products or customer specific products. Last Time Buying is not possible for

"NonManufacturable" 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 firstcome/ 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 Ampleon will ship a discontinued product. Unless a NonManufacturable or Limited Availability condition and shorter time period is indicated in the PTA, Ampleon allows a twelve (12) month delivery time period for discontinued products measured from the Issue Date of the Discontinuation Notice. (For some products, Ampleon may extend the Last Time Delivery date beyond the standard horizon.)

#### **Discontinued Part 12nc**

Ampleon 12nc number represents the Ampleon 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**

Ampleon 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 Ampleon replacement product for the discontinued Ampleon type number is reference only information. Ampleon 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 Ampleon customers or distributors qualify such product to their specifications.

#### **Replacement 12nc**

Any known Ampleon replacement 12nc for the discontinued Ampleon type number is reference only information. Ampleon 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 Ampleon customers or distributors qualify such product to their specifications.

#### **Remarks**

Replacement 12nc for the discontinued Ampleon type number can also be found in the attached document, if applicable.

#### **Contact and Support**

For all inquiries regarding the ePCN tool application or access issues, please contact Ampleon "Quality

Support Team".

For all Quality Notification content inquiries, please contact your local Ampleon Sales Support team.

At Ampleon we are dedicated to creating optimal value for our customers.

Ampleon Quality Management Team.

**About Ampleon**

Created in 2015, Ampleon is shaped by 50 years of RF power leadership and is set to exploit the full potential of data and energy transfer in RF. Ampleon has more than 1,250 employees worldwide, dedicated to creating optimal value for customers. Its innovative, yet consistent portfolio offers products and solutions for a wide range of applications, such as cellular base stations, radio/TV/broadcasting, radar, air traffic control, cooking, lighting, industrial lasers and medical. For details on the leading global partner in RF Power, visit [www.ampleon.com](http://www.ampleon.com).



Discontinued part	LTD	LTB	Remarks
BLF6G20-45	31-Mar-19	30-Jun-19	Replacement: BLM7G1822S-40PB(G) (no eared replacement)
BLF6G20-45	31-Mar-19	30-Jun-19	Replacement: BLM7G1822S-40PB(G) (no eared replacement)
BLF6G22-45	31-Mar-19	30-Jun-19	Replacement: BLM7G1822S-40PB(G) (no eared replacement)
BLF6G22-45	31-Mar-19	30-Jun-19	Replacement: BLM7G1822S-40PB(G) (no eared replacement)
BLC6G27LS-100	31-Mar-19	30-Jun-19	No replacement
BLC6G27LS-100	31-Mar-19	30-Jun-19	No replacement
BLF6G38S-25	31-Mar-19	30-Jun-19	No replacement
BLF6G38S-25	31-Mar-19	30-Jun-19	No replacement
BLF6G38LS-50	31-Mar-19	30-Jun-19	Replacement: BLF9G38LS-90P (Doherty replacement)
BLF6G38LS-50	31-Mar-19	30-Jun-19	Replacement: BLF9G38LS-90P (Doherty replacement)
BLF871	31-Mar-19	30-Jun-19	No replacement
BLF7G22L-130	31-Mar-19	30-Jun-19	Replacement: BLF8G22LS-140 (no eared replacement)
BLF871S	31-Mar-19	30-Jun-19	No replacement
BLF6G10L-40BRN	31-Mar-19	30-Jun-19	Replacement: BLP8G10S-45P (no eared replacement)
BLF6G10L-40BRN	31-Mar-19	30-Jun-19	Replacement: BLP8G10S-45P (no eared replacement)
BLF6G10L-260PBM	31-Mar-19	30-Jun-19	Replacement: BLP8G10S-270PW (no eared replacement)
BLF6G10L-260PBM	31-Mar-19	30-Jun-19	Replacement: BLP8G10S-270PW (no eared replacement)
BLF6G15LS-250PBRN	31-Mar-19	30-Jun-19	No replacement
BLF6G15LS-250PBRN	31-Mar-19	30-Jun-19	No replacement
BLF6G22L-40BN	31-Mar-19	30-Jun-19	Replacement: BLM7G1822S-40PB(G) (no eared replacement)
BLF6G22L-40BN	31-Mar-19	30-Jun-19	Replacement: BLM7G1822S-40PB(G) (no eared replacement)
BLF7G20LS-250P	31-Mar-19	30-Jun-19	Replacement: BLC10G20LS-240PWT
BLF7G20LS-250P	31-Mar-19	30-Jun-19	Replacement: BLC10G20LS-240PWT
BLF7G27L-75P	31-Mar-19	30-Jun-19	Replacement: BLC8G27LS-60AV (no eared replacement)
BLF7G27L-150P	31-Mar-19	30-Jun-19	Replacement: BLC9G27LS-151AV (no eared replacement)
BLF7G27LS-140	31-Mar-19	30-Jun-19	Replacement: BLF8G27LS-140
BLF7G27LS-140	31-Mar-19	30-Jun-19	Replacement: BLF8G27LS-140
BLF6G27L-50BN	31-Mar-19	30-Jun-19	Replacement: BLM8D2327S-50PB(G) (no eared replacement)
BLF6G27L-50BN	31-Mar-19	30-Jun-19	Replacement: BLM8D2327S-50PB(G) (no eared replacement)
BLF6G15L-500H	31-Mar-19	30-Jun-19	No replacement
BLF6G15LS-500H	31-Mar-19	30-Jun-19	No replacement
BLF7G21LS-160P	31-Mar-19	30-Jun-19	Replacement: BLC9G20XS-160AV
BLF7G21LS-160P	31-Mar-19	30-Jun-19	Replacement: BLC9G20XS-160AV
BLF7G27L-200PB	31-Mar-19	30-Jun-19	Replacement: BLC8G27LS-240AV (no eared replacement)
BLF7G27L-200PB	31-Mar-19	30-Jun-19	Replacement: BLC8G27LS-240AV (no eared replacement)
BLF879P	31-Mar-19	30-Jun-19	Replacement: BLF989
BLF7G27L-135	31-Mar-19	30-Jun-19	Replacement: BLF8G27LS-140 (no eared replacement)
BLF7G27L-135	31-Mar-19	30-Jun-19	Replacement: BLF8G27LS-140 (no eared replacement)
BLF6H10LS-160	31-Mar-19	30-Jun-19	No replacement
BLF6H10LS-160	31-Mar-19	30-Jun-19	No replacement
BLF8G22LS-160BV	31-Mar-19	30-Jun-19	Replacement type: BLC9G22LS-160VT
BLF8G10L-160	31-Mar-19	30-Jun-19	No replacement
BLF8G10L-160	31-Mar-19	30-Jun-19	No replacement
BLF6H10L-300P	31-Mar-19	30-Jun-19	No replacement
BLF6H10L-300P	31-Mar-19	30-Jun-19	No replacement
BLF2425M6L180P	31-Mar-19	30-Jun-19	Replacement: BLC2425M9LS250
BLF2425M6L180P	31-Mar-19	30-Jun-19	Replacement: BLC2425M9LS250
BLF2425M6LS180P	31-Mar-19	30-Jun-19	Replacement: BLC2425M9LS250
BLF2425M6LS180P	31-Mar-19	30-Jun-19	Replacement: BLC2425M9LS250
BLF25M612	31-Mar-19	30-Jun-19	Replacement: BLP27M810
BLF25M612	31-Mar-19	30-Jun-19	Replacement: BLP27M810
BLF25M612G	31-Mar-19	30-Jun-19	Replacement: BLP27M810 (no gullwing replacement)
BLF25M612G	31-Mar-19	30-Jun-19	Replacement: BLP27M810 (no gullwing replacement)
BLF2425M7L140	31-Mar-19	30-Jun-19	Replacement: BLF2425M8L140

BLF2425M7L140	31-Mar-19	30-Jun-19	Replacement: BLF2425M8L140
BLF2425M7LS140	31-Mar-19	30-Jun-19	Replacement: BLF2425M9LS140
BLF2425M7LS140	31-Mar-19	30-Jun-19	Replacement: BLF2425M9LS140
BLF988	31-Mar-19	30-Jun-19	No replacement
BLF988S	31-Mar-19	30-Jun-19	No replacement
BLF7G24LS-160P	31-Mar-19	30-Jun-19	Replacement: BLC9G24XS-170AV
BLF7G24LS-160P	31-Mar-19	30-Jun-19	Replacement: BLC9G24XS-170AV
BLF8G20LS-200V	31-Mar-19	30-Jun-19	Replacement: BLC10G20LS-240PWT
BLF8G20LS-200V	31-Mar-19	30-Jun-19	Replacement: BLC10G20LS-240PWT
BLP7G07S-140P	31-Mar-19	30-Jun-19	Replacement: BLP8G07S-140P (no 12nc yet)
BLF879PS	31-Mar-19	30-Jun-19	Replacement: BLF989
BLF8G27LS-140V	31-Mar-19	30-Jun-19	Replacement: BLC8G27LS-140AV
BLF8G27LS-140V	31-Mar-19	30-Jun-19	Replacement: BLC8G27LS-140AV
BLF8G27LS-140V	31-Mar-19	30-Jun-19	Replacement: BLC8G27LS-140AV
BLF879PSIN	31-Mar-19	30-Jun-19	Replacement: BLF989
BLF10M6200	31-Mar-19	30-Jun-19	Replacement: BLM10M6XS-200
BLF10M6LS200	31-Mar-19	30-Jun-19	Replacement: BLM10M6XS-200
BLF2425M8LS140	31-Mar-19	30-Jun-19	Replacement: BLF2425M9LS140
BLF2425M8LS140	31-Mar-19	30-Jun-19	Replacement: BLF2425M9LS140
BLF2425M7L100	31-Mar-19	30-Jun-19	Replacement: BLF2425M8L140
BLF2425M7L100	31-Mar-19	30-Jun-19	Replacement: BLF2425M8L140
BLF2425M7LS100	31-Mar-19	30-Jun-19	Replacement: BLF2425M9LS140
BLF2425M7LS100	31-Mar-19	30-Jun-19	Replacement: BLF2425M9LS140
BLF10M6135	31-Mar-19	30-Jun-19	Replacement: BLM10M6XS-200
BLF10M6LS135	31-Mar-19	30-Jun-19	Replacement: BLM10M6XS-200
BLF10M6160	31-Mar-19	30-Jun-19	Replacement: BLM10M6XS-200
BLF10M6LS160	31-Mar-19	30-Jun-19	Replacement: BLM10M6XS-200
BLF8G24LS-200PN	31-Mar-19	30-Jun-19	Replacement: BLC8G24LS-241AV
BLF8G24LS-200PN	31-Mar-19	30-Jun-19	Replacement: BLC8G24LS-241AV
BLC8G20LS-400AV	31-Mar-19	30-Jun-19	Replacement: BLC9G20XS-400AVT
BLC8G20LS-400AV	31-Mar-19	30-Jun-19	Replacement: BLC9G20XS-400AVT
BLC8G20LS-310AV	31-Mar-19	30-Jun-19	Replacement: BLC9G20LS-361AVT
BLC8G20LS-310AV	31-Mar-19	30-Jun-19	Replacement: BLC9G20LS-361AVT