

## Wolfspeed® Product/Process Change Notification

PCN Number:	PCN-00014	PCN Issue Date:	5/17/2022
PCN Type:	EOL		

### PCN Title

EoL Notification - CGH21120F

### Description of the Change

This letter is to inform you that Wolfspeed is discontinuing the manufacture of a GaN HEMT. Alternate products are immediately available. The details are included in this notification. If you have any questions concerning this change, please contact RF marketing. Details listed below.

### Affected Products

Table 1 provides a list of the product(s) affected by this EOL notification.

*Table 1. Affected Products List.*

Discontinued Part Number	Replacement Part Number
CGH21120F	No form/fit replacement.
CGH21120F-AMP	No form/fit replacement.

### Suitable Replacement Products

Table 2 summarizes alternative solutions. The CGH21120F is a 120W, 28V transistor with internal matching for peak RF performance from 1.8-2.3GHz, for cellular base station applications. The alternative solutions listed below, will require additional external matching to achieve the desired performance.

*Table 2. Alternative Products.*

Part Number	Description	Sample Availability Date
CG2H40120F	120W, 28V, unmatched GaN HEMT	2019
CGHV40100F	100W, 50V, unmatched GaN HEMT	2015

## Implementation Date

Table 3 provides key information regarding the last order date and the last ship date for the affected products.

**Table 3.** *Estimated Key PCN Dates.*

Task	Date
<b>Last Date to Buy</b>	June 30, 2022
<b>Last Date to Schedule Shipment of an Order</b>	December 30, 2022
<b>Last Date to Provide Technical Support</b>	June 30, 2022
<b>Last Date to Request RMA</b>	June 30, 2022

## Contact Information

If you have any question regarding the recommended replacement products in your applications, please refer to the contact information listed in Table 4.

**Table 4.** *PCN Contact.*

<b>Wolfspeed Contact</b>	Ryan Baker
<b>Wolfspeed Contact E-Mail</b>	PCN@Wolfspeed.com
<b>Wolfspeed Contact Phone</b>	1.844.200.WOLF
<b>Address</b>	4600 Silicon Drive Durham, NC 27703 U.S.A.

## Revision History

Date	Revision	Description
5/17/2022	0	Initial release