

## 关于 EZ 封装停产的通知

Marki 决定 2017 年 12 月 31 日正式停止所有 EZ 封装产品的供应，产品涉及混频器/放大器/倍频器等。

客户在新项目的设计，尽量避免选用 EZ 封装，可以选用 chip/MMIC 等最新产品。

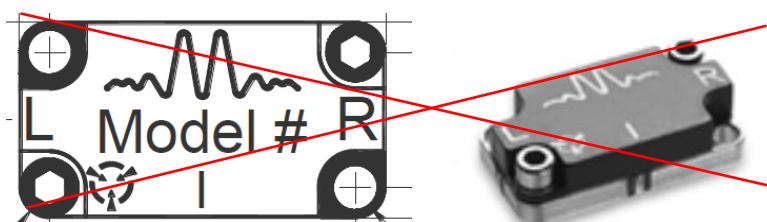
1. 所有 EZ 封装产品，将面临涨价。  
2015 年底涨价一次，2016 年底涨价一次，2017 年底正式停产；
2. E/A 封装不会停产，不过 E 封装也不鼓励使用，2015 年底 E 封装产品涨价。  
推荐客户使用对应的 chip/MMIC 产品。

以 M1-0620 为例

M1-0620LEZ-2 停产；M1-0620LE-2 不停产，但推荐对应的 chip/MMIC 产品。

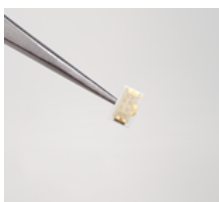
Please specify diode level and package style by adding to model number.					
Package Styles		Examples			
Connectorized <sup>1</sup>	<u>A</u>	M1-0620LA, M1-0620LE-2			
Microstrip <sup>2,3</sup>	<u>E</u>	<u>M1-0620</u>	<u>L</u>	<u>E</u>	<u>-2</u>
Surface Mount <sup>2,3</sup>	<u>EZ</u>	(Model)	(Diode Option)	(Package)	(I-Port Configuration)

以下是 EZ 的示意图和实物图：



2017年底正式停止供应 EZ 封装所有产品

推荐客户使用对应的chip/MMIC 产品，如下：



如果疑问，请联系我们： sales@fulai-elec.com; 021-52918556。

更多信息，请联系我们：

地址：上海市普陀区中山北路 2911 号中关村科技大厦 1206 室

Tel: 137 6444 1515, Fax: 021-5291 8556

www.fulai-elec.com

Email: sales@fulai-elec.com



215 Vineyard Court  
Morgan Hill, CA 95037 U.S.A.  
Phone: 408-778-4200  
Fax: 408-778-4300  
info@markimicrowave.com  
www.markimicrowave.com

**Press Release**  
Morgan Hill, CA

**For immediate release**  
August 18, 2015

**Marki Microwave, Inc. Announces End of Life for EZ Surface Mount Products, Price Increase for E Package Products**

As of December 31, 2017, Marki Microwave will no longer manufacture the EZ surface mount packages for mixers, amplifiers, and multipliers. Currently, superior products to existing EZ packaged double balanced mixers are available from the [Microlithic and MMIC product lines](#), and superior products to the M2 triple balanced mixers are available in surface mount packages through the [T3 product line](#). Effective immediately, customers should avoid using any EZ-based surface mount products for any new designs.

**Packages Impacted by EZ EOL:**

EZ Mixer

<http://www.markimicrowave.com/menus/packages/ez-cs.pdf>

EZ Doubler

<http://www.markimicrowave.com/menus/packages/ezd-cs.pdf>

EZ Amplifier

<http://www.markimicrowave.com/menus/packages/eza-cs.pdf>

EZ Mixer/LO-Buffer Amplifier

<http://www.markimicrowave.com/menus/packages/ezam-cs.pdf>

EZ Positive-Bias Amplifier

<http://www.markimicrowave.com/menus/packages/ezap-cs.pdf>

See Page 2 and Page 3 for affected catalog part numbers and replacement recommendations. Impacted custom part numbers are not included in this list. Customers with custom part numbers impacted by this EOL will be contacted individually by Marki sales associates in Q4 2015.



215 Vineyard Court  
 Morgan Hill, CA 95037 U.S.A.  
 Phone: 408-778-4200  
 Fax: 408-778-4300  
 info@markimicrowave.com  
 www.markimicrowave.com

The table below shows mixers and doublers impacted by this EOL.

Obsolete EZ Product		Replacement Products	
<b>M1 Mixers</b>		<b>ML1 Microlithic Mixers</b>	<b>MM1 MMIC Mixers</b>
<a href="#">M1-0204</a>	<a href="#">M1-0420</a>	<a href="#">ML1-0110SM</a>	<a href="#">MM1-0320HSM</a>
<a href="#">M1-0208</a>	<a href="#">M1-0616</a>	<a href="#">ML1-0218SM</a>	<a href="#">MM1-0422HSM</a>
<a href="#">M1-0212</a>	<a href="#">M1B-0618</a>	<a href="#">ML1-0626SM</a>	<a href="#">MM1-0624HSM</a>
<a href="#">M1-0310</a>	<a href="#">M1-0620</a>	<a href="#">ML1-0832SM</a>	<a href="#">MM1-0625HSM</a>
<a href="#">M1-0408</a>	<a href="#">M1-0818</a>		<a href="#">MM1-0726HSM</a>
<a href="#">M1-0412</a>	<a href="#">M1-1020</a>		<a href="#">MM1-1140HSM</a>
<b>M2 Mixers</b>	-	<b>T3 Mixers</b>	
<a href="#">M2-0208</a>	-	<a href="#">T3-03</a>	<a href="#">T3-12</a>
<a href="#">M2-0218</a>	-	<a href="#">T3-04</a>	<a href="#">T3-18</a>
<a href="#">M2-0220</a>	-	<a href="#">T3-05</a>	<a href="#">T3H-18</a>
<a href="#">M2H-0220</a>	-	<a href="#">T3-06</a>	<a href="#">T3-20</a>
	-	<a href="#">T3-07</a>	<a href="#">T3H-20</a>
	-	<a href="#">T3-08</a>	<a href="#">T3-0218</a>
	-	<a href="#">T3-10</a>	<a href="#">T3-0316</a>
<b>EZ Doublers</b>		<b>Microlithic Doublers</b>	
<a href="#">D-1505</a>	<a href="#">D-0308</a>	<a href="#">MLD-0416SM</a>	

The table below shows amplifiers and mixer-amplifiers impacted by this EOL.

Obsolete EZ Product		Replacement Products	
<b>EZ Amplifiers</b>		<b>MMIC LO Buffer Amplifiers</b>	
<a href="#">A-0010</a>	<a href="#">A-0110</a>	<a href="#">ADM-0126MSM</a>	Many forthcoming part numbers
<a href="#">A-10</a>	<a href="#">A-110</a>		
<a href="#">A-0015</a>	<a href="#">A-0115</a>		
<a href="#">A-15</a>	<a href="#">A-115</a>		
<a href="#">A-0020</a>	<a href="#">A-0120</a>		
<a href="#">A-20</a>	<a href="#">A-120</a>		
<a href="#">A-0030</a>	<a href="#">A-0126</a>		
<a href="#">A-30</a>	<a href="#">A-126</a>		
<b>T3A EZ Amplifier-Mixers</b>		<b>T3A Surface Mount Mixers</b>	
<a href="#">T3A-03</a>	<a href="#">T3A-08</a>	Forthcoming part numbers	
<a href="#">T3A-04</a>	<a href="#">T3A-10</a>		



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[www.markimicrowave.com](http://www.markimicrowave.com)

<a href="#">T3A-05</a>	<a href="#">T3A-12</a>	
<a href="#">T3A-06</a>	<a href="#">T3A-20</a>	
<a href="#">T3A-07</a>		
<b>EZ Positive Only Amplifiers</b>		<b>MMIC LO Buffer Amplifiers</b>
<a href="#">AP-0010</a>	<a href="#">AP-110</a>	<a href="#">ADM-0126MSM</a>
<a href="#">AP-10</a>	<a href="#">AP-0115</a>	Many forthcoming part numbers
<a href="#">AP-0015</a>	<a href="#">AP-115</a>	
<a href="#">AP-15</a>	<a href="#">AP-0120</a>	
<a href="#">AP-0020</a>	<a href="#">AP-120</a>	
<a href="#">AP-20</a>	<a href="#">AP-0125</a>	
<a href="#">AP-0025</a>	<a href="#">AP-125</a>	
<a href="#">AP-0110</a>	-	

Customers who use the EZ package should contact Marki Microwave immediately to learn more about the recommended alternative solutions. Demo and sample products can be made available quickly for customers wishing to modify existing designs to remove the EZ package from the BOM. **Customers should be aware that two price increases on EZ products will occur during this EOL phase; first at the end of 2015, and again at the end of 2016. During 2017, last time buy letters will be distributed so customers should plan according to their specific needs.**

One final note: the EOL applies only to the EZ package. Products based on the E-carrier package will continue to be manufactured. However, owing to other superior options in these carrier type packages, **customers are strongly discouraged from using E packages for new designs, unless no other suitable alternative can be provided. A significant price increase will occur at the end of 2015 for all E carrier products so customers should plan accordingly.**

For any questions regarding the above information, or how to acquire samples of recommended product offerings, please contact Marki Microwave at [info@markimicrowave.com](mailto:info@markimicrowave.com). Our staff is eager to help customers transition to the recommended product lines because it is our belief that these superior alternatives will enable our customers to achieve better, more consistent performance at a better price and in a smaller form factor.

Thank You

Christopher Marki  
 Director of Operations, Marki Microwave Inc.