



November 11, 2020

Subject: **Advance Notification of Change**

Dear Valued Customer:

Mini-Circuits' commitment to customers includes product longevity and change notification per https://www.minicircuits.com/quality/product_change_management.html This obligation is made more critical with recent consolidations of the industry and supply chain.

We have been made aware of the supplier discontinuation of EPI used in the manufacture of die used in several semiconductor products (see attached list). Our die foundry has identified an alternate EPI supplier and will be qualifying products in the coming months.

The supplier schedule is not firm at this time, but we do expect to begin qualification of our design with the new EPI during the **3rd Quarter of 2021** or have samples for customers before the **4th Quarter of 2021**. It is for this reason that we are not yet prepared to issue this as a formal PCN. We will do so once we have more details on performance.

We do, however, have the option for a last time buy of current EPI to smooth the transition over a few years. During this transition phase, we are reviewing our inventory status in preparation for issuing stock orders of existing product based on historic demand and forecasts.

Our account manager will be contacting you directly to discuss this change and your specific needs.

Regards,

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List of Affected Models

AVM-273HP+	PMA3-223GLN+
AVM-273HP-DF+	PMA3-313GLN+
AVM-273HP-DG+	PMA3-34GLN+
AVM-273HP-DP+	PMA3-453+
AVM-273HPK+	TAV2-14LN+
HKA-6345-DG+ (Renamed to LTA-A6345-DG+)	TAV2-14LN-DF+
LTA-A6345-DG+	TAV2-14LN-DG+
LTA-A5040-DG+	TAV2-14LN-DP+
PMA-183PLN+	TB-715-5V
PMA-183PLN-DF+	TB-715-VCM
PMA-183PLN-DG+	TB-991+
PMA-183PLN-DP+	TB-PMA2-123LN5+
PMA2-123LN5+	TB-PMA2-183LN+
PMA2-123LN5-DF+	TB-TAV2-14LN+
PMA2-123LN5-DG+	TB-TAV2-14LNE+
PMA2-123LN5-DP+	TB-TSS-44+
PMA2-133LN+	TSS-44+
PMA2-133LN-DF+	TSS-44-DF+
PMA2-133LN-DG+	TSS-44-DG+
PMA2-133LN-DP+	TSS-44-DP+
PMA2-183LN+	ZVM-273HP-S+ (Renamed to ZVM-273HP+)
PMA2-183LN-DF+	ZVM-273HP+
PMA2-183LN-DG+	ZVM-273HPX-S+ (Renamed to ZVM-273HPX+)
PMA2-183LN-DP+	ZVM-273HPX+