

## MEMORANDUM

**To:** All 4301 Customers  
**From:** THAT IC Marketing and Sales  
**Re:** 4301AP20-U, 4301P20-U & 4301W20-U End of Life (EOL)  
**Date:** January 16, 2019

As one of the customers currently purchasing the 4301 part, we are very sorry to tell you that we must cease production of the 4301 later this year. This applies to the 4301AP20-U, 4301P20-U and the 4301W20-U.

### **Why are we discontinuing the 4301?**

Our foundry supplier is discontinuing the process in which these products are manufactured.

### **Will there be a "last time buy" opportunity?**

Yes, we will accept new (last-time buy) purchase orders up until May 1, 2019.

All shipments must be taken by May 1, 2020. And, once accepted by us, last-time buy orders cannot be cancelled, or returned for any reason except those relating to quality.

### **What alternatives are there to the 4301?**

We offer four other Analog Engines: the 4305, 4315, 4316, and 4320. All these are currently in production and available for immediate shipment. Three of them (the 4305, 4315, and 4320) are made in our own fab. These products offer a range of price and performance options. The 4305, in particular, runs from similar power supply voltages as the 4301 and provides the critical VCA and RMS level detector function of the 4301. It lacks the opamps, but of course there are many opamps available in the market. We recommend that you consider the 4305 in any redesigns.

In addition, THAT Application Support can offer assistance in adapting one of our other Analog Engines to fill your requirements.

### **Where do I go to ask questions?**

If you have any questions or concerns regarding the last time buy, please contact Tom Ryan, Customer Service Supervisor, at 508-478-9200 x138, or via email at [sales@thatcorp.com](mailto:sales@thatcorp.com). Applications Support can be reached at [apps\\_support@thatcorp.com](mailto:apps_support@thatcorp.com).