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June 30, 2018

Part Number Modification Announcement T3 Product Line & EOL for CO (leaded) SMT Package

In an effort to improve manufacturing efficiency and reduce lead times, Marki Microwave is announcing a change to our part numbering scheme for our T3 3 GHz to 12 GHz products (See Appendix).

Part Numbers Impacted by the part number modification:

T3-03 Mixer

<https://www.markimicrowave.com/Assets/DataSheets/T3-03.pdf>

T3-04 Mixer

<https://www.markimicrowave.com/Assets/datasheets/T3-04.pdf>

T3-05 Mixer

<https://www.markimicrowave.com/Assets/datasheets/T3-05.pdf>

T3-06 Mixer

<https://www.markimicrowave.com/Assets/datasheets/T3-06.pdf>

T3-08 Mixer

<https://www.markimicrowave.com/Assets/datasheets/T3-08.pdf>

T3-10 Mixer

<https://www.markimicrowave.com/Assets/datasheets/T3-10.pdf>

Please note that this change is merely a consolidation of numerous redundant part numbers into a simpler part numbering scheme. There is no change to the internal product. Specifically, *it has always been the case* that products T3-03 through T3-07 have been built identically, and have always been identical in form, fit and function. The only notable differences were the lid marking, and slight pricing difference at higher frequency. Likewise, T3-08, T3-10 and T3-12 have always been identical in form, fit and function, with the only difference between the lid marking. *By simplifying the part numbering variety, Marki will be able to increase throughput by simplifying production without sacrificing performance.*

Please note that the impacted part numbers—T3-03, T3-04, T3-05, T3-06, T3-08 and T3-10—are not being obsoleted, they are instead being reassigned the generic part number of T3-07 (for frequencies of 3 GHz through 7 GHz) and T3-12 (for frequencies of 8 GHz through 12 GHz). All parts will conform to the current T3-07 and T3-12 datasheets available on our website.

In addition we will be discontinuing the leaded “CO” SMT package. The replacement package is the RoHS compliant Gold/Lead-Free “COG” package. There is no change to electrical specification or package size.

<https://www.markimicrowave.com/assets/packages/CO.PDF>

<https://www.markimicrowave.com/assets/packages/cog.pdf>

We are opening a window through December 31, 2018 for users of these products to request quotes and place last-time orders. **After December 31, 2018 Marki will no longer accept new orders for the old part numbers.** Please use this announcement as an opportunity to update your existing Bills of Materials and Product Database to call out the new Part Number for orders starting in 2019.

Special terms will apply to all last time purchases, as follows:

1. Orders will be NON-CANCELLABLE, NON-RETURNABLE.
2. Minimum order quantity of 5 pieces per model number.
3. Orders < 100 pieces will be shipped in one lot.
4. Orders of >100 pieces may be shipped in 100 piece lots scheduled no more than 30 days apart and must be shipped complete within 6 months of the purchase order date.
5. Replacement Part Numbers:
 - a. 3 GHz – 7 GHz = T3-07 <https://www.markimicrowave.com/Assets/datasheets/T3-07.pdf>
 - b. 8 GHz – 12 GHz = T3-12 <https://www.markimicrowave.com/Assets/datasheets/T3-12.pdf>

For any questions regarding the above information please contact Marki Microwave at info@markimicrowave.com. Our staff is eager to help customers transition to the new model number.

Please route this announcement to any and all concerned personnel within your organization to assure that requests for quotations and orders are received in a timely fashion.

Best regards,

Tammy Trillo
Inside Sales Manager
Marki Microwave, Inc.

| Discontinued Part Number | Replacement Part Number |
|--|--|
| <p><u>T3-03</u> T3-03LQP T3-03MQP T3-03LQ -1 OR -2 T3-03MQ -1 OR -2 T3-03LCQG -1 OR -2 T3-03MCQG -1 OR -2 <u>T3-03LCQ -1 OR -2 Discontinuing</u> <u>T3-03MCQ -1 OR -2 Discontinuing</u></p> | <p><u>T3-07</u> T3-<u>07</u>LQP T3-<u>07</u>MQP T3-<u>07</u>LQ -1 OR -2 T3-<u>07</u>MQ -1 OR -2 T3-<u>07</u>LCQG -1 OR -2 T3-<u>07</u>MCQG -1 OR -2 T3-<u>07</u>LCQG -1 OR -2 T3-<u>07</u>MCQG -1 OR -2</p> |
| <p><u>T3-04</u> T3-04LQP T3-04MQP T3-04LQ -1 OR -2 T3-04MQ -1 OR -2 T3-04LCQG -1 OR -2 T3-04MCQG -1 OR -2 <u>T3-04LCQ -1 OR -2 Discontinuing</u> <u>T3-04MCQ -1 OR -2 Discontinuing</u></p> | <p><u>T3-07</u> T3-<u>07</u>LQP T3-<u>07</u>MQP T3-<u>07</u>LQ -1 OR -2 T3-<u>07</u>MQ -1 OR -2 T3-<u>07</u>LCQG -1 OR -2 T3-<u>07</u>MCQG -1 OR -2 T3-<u>07</u>LCQG -1 OR -2 T3-<u>07</u>MCQG -1 OR -2</p> |
| <p><u>T3-05</u> T3-05LQP T3-05MQP T3-05LQ -1 OR -2 T3-05MQ -1 OR -2 T3-05LCQG -1 OR -1 T3-05MCQG -1 OR -2 <u>T3-05LCQ -1 OR -2 Discontinuing</u> <u>T3-05MCQ -1 OR -2 Discontinuing</u></p> | <p><u>T3-07</u> T3-<u>07</u>LQP T3-<u>07</u>MQP T3-<u>07</u>LQ -1 OR -2 T3-<u>07</u>MQ -1 OR -2 T3-<u>07</u>LCQG -1 OR -2 T3-<u>07</u>MCQG -1 OR -2 T3-<u>07</u>LCQG -1 OR -2 T3-<u>07</u>MCQG -1 OR -2</p> |
| <p><u>T3-06</u> T3-06LQP T3-06MQP T3-06LQ -1 OR -2 T3-06MQ -1 OR -2 T3-06LCQG -1 OR -2 T3-06MCQG -1 OR -2 <u>T3-06LCQ -1 OR -2 Discontinuing</u> <u>T3-06MCQ -1 OR -2 Discontinuing</u></p> | <p><u>T3-07</u> T3-<u>07</u>LQP T3-<u>07</u>MQP T3-<u>07</u>LQ -1 OR -2 T3-<u>07</u>MQ -1 OR -2 T3-<u>07</u>LCQG -1 OR -2 T3-<u>07</u>MCQG -1 OR -2 T3-<u>07</u>LCQG -1 OR -2 T3-<u>07</u>MCQG -1 OR -2</p> |

| Discontinued Part Number | Replacement Part Number |
|--|---|
| <p><u>T3-08</u> T3-08LQP T3-08MQP T3-08LQ -1 OR -2 T3-08MQ -1 OR -2 T3-08LCQG -1 OR -2 T3-08MCQG -1 OR -2 <u>T3-08LCQ -1 OR -2 Discontinuing</u> <u>T3-08MCQ -1 OR -2 Discontinuing</u></p> | <p><u>T3-12</u> - T3-<u>12</u>LQP T3-<u>12</u>MQP T3-<u>12</u>LQ -1 OR -2 T3-<u>12</u>MQ -1 OR -2 T3-<u>12</u>LCQG -1 OR -2 T3-<u>12</u>MCQG -1 OR -2 T3-<u>12</u>LCQG -1 OR -2 T3-<u>12</u>MCQG -1 OR -2</p> |
| <p><u>T3-10</u> T3-10LQP T3-10MQP T3-10LQ -1 OR -2 T3-10MQ -1 OR -2 T3-10LCQG -1 OR -2 T3-10MCQG -1 OR -2 <u>T3-10LCQ -1 OR -2 Discontinuing</u> <u>T3-10MCQ -1 OR -2 Discontinuing</u></p> | <p><u>T3-12</u> - T3-<u>12</u>LQP T3-<u>12</u>MQP T3-<u>12</u>LQ -1 OR -2 T3-<u>12</u>MQ -1 OR -2 T3-<u>12</u>LCQG -1 OR -2 T3-<u>12</u>MCQG -1 OR -2 T3-<u>12</u>MCQG -1 OR -2 T3-<u>12</u>LCQG -1 OR -2 T3-<u>12</u>MCQG -1 OR -2</p> |