



March 2, 2020

Attention:

This letter is to inform you that demonstration boards, with part numbers ending in “-TB” for RF products, are migrating to a new part number suffix “-AMP.” This notification is for your information and concurrence.

The RF product line used the “-TB” suffix on the part number to indicate that the Test Board did not include the GaN RF component.

The RF product line uses the “-AMP” suffix on the part number to indicate that the Test Board does include the GaN RF component, creating a power amplifier.

Beginning March 2, 2020, our customers and distributors will only order the -AMP. On the following page, we list a selection of the available -TB part numbers before and the new selection of -AMP part numbers today.

We will phase out inventory of part numbers ending in -TB, not accepting new orders.

If you have any questions concerning this change, please contact:

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Product Marketing Manager | RF Components & RF Foundry Services



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Evaluation Boards / Test Boards / Application Circuits		*Old List with mix of -TB and -AMP
Part Number	Product Family	ITEM_DESCRIPTION
CG2H30070F-TB2	Test Board	Evaluation Board, 0.5-3.0GHz, CG2H30070F GaN HEMT not included
CGH21120F-AMP	Amplifier	Amplifier, 1.8-2.1GHz, CGH21120F GaN HEMT is included
CGH21240F-AMP	Amplifier	Amplifier, 1.8-2.1GHz, CGH21240F GaN HEMT is included
CGH40006S-AMP1	Amplifier	Amplifier, 2.0-6.0GHz, CGH40006S GaN HEMT is included
CGH40006P-TB	Test Board	Evaluation Board, 2.0-6.0GHz, CGH40006P GaN HEMT not included
CGH40010F-TB	Test Board	Evaluation Board, 3.5-3.9GHz, CGH40010F GaN HEMT not included
CG2H40010F-TB	Test Board	Evaluation Board, 3.5-3.9GHz, CG2H40010F GaN HEMT not included
CGH40025F-TB	Test Board	Evaluation Board, 3.4-3.8GHz, CGH40025F GaN HEMT not included
CG2H40025F-TB	Test Board	Evaluation Board, 3.4-3.8GHz, CG2H40025F GaN HEMT not included
CG2H40035F-AMP	Amplifier	Amplifier, 3.5GHz, CG2H40035F GaN HEMT is included

Evaluation Boards / Test Boards / Application Circuits		**New PN's with only -AMP
Part Number	Product Family	ITEM_DESCRIPTION
CG2H30070F-AMP2	Amplifier	Amplifier, 0.5-3.0GHz, CG2H30070F GaN HEMT not included
CG2H40010F-AMP	Amplifier	Amplifier, 3.5-3.9GHz, CG2H40010F GaN HEMT is included
CG2H40025F-AMP	Amplifier	Amplifier, 3.4-3.8GHz, CG2H40025F GaN HEMT is included
CG2H40035F-AMP	Amplifier	Amplifier, 3.5GHz, CG2H40035F GaN HEMT is included
CG2H40045F-AMP	Amplifier	Amplifier, 2.3-2.7GHz, CG2H40045F GaN HEMT is included
CG2H40120F-AMP	Amplifier	Amplifier, 1.2-1.4GHz, CG2H40120F GaN HEMT is included
CGH21120F-AMP	Amplifier	Amplifier, 1.8-2.1GHz, CGH21120F GaN HEMT is included
CGH21240F-AMP	Amplifier	Amplifier, 1.8-2.1GHz, CGH21240F GaN HEMT is included
CGH27015F-AMP	Amplifier	Amplifier, 2.3-2.7GHz, CGH27015F GaN HEMT is included
CGH27030S-AMP1	Amplifier	Amplifier, 1.8-2.2GHz, CGH27030S GaN HEMT is included

CGH40035F-TB	Test Board	Evaluation Board, 3.3-3.7GHz, CGH40035F GaN HEMT not included
CGH40045F-TB	Test Board	Evaluation Board, 2.3-2.7GHz, CGH40045F GaN HEMT not included
CG2H40045F-TB	Test Board	Evaluation Board, 2.3-2.7GHz, CG2H40045F GaN HEMT not included
CGH40090PP-TB	Test Board	Evaluation Board, 0.5-2.5GHz, CGH40090PP GaN HEMT not included
CGH40120F-TB	Test Board	Evaluation Board, 1.2-1.4GHz, CGH40120F GaN HEMT not included
CG2H40120F-AMP	Amplifier	Amplifier, 1.2-1.4GHz, CG2H40120F GaN HEMT is included
CGH40180PP-TB	Test Board	Evaluation Board, 1.1-1.3GHz, CGH40180PP GaN HEMT not included
CGH55015F2-AMP	Amplifier	Amplifier, 5.4-5.9GHz, CGH55015F2 GaN HEMT is included

CGH40006P-AMP	Amplifier	Amplifier, 2.0-6.0GHz, CGH40006P GaN HEMT is included
CGH40006S-AMP1	Amplifier	Amplifier, 2.0-6.0GHz, CGH40006S GaN HEMT is included
CGH40010F-AMP	Amplifier	Amplifier, 3.5-3.9GHz, CGH40010F GaN HEMT is included
CGH40025F-AMP	Amplifier	Amplifier, 3.4-3.8GHz, CGH40025F GaN HEMT is included
CGH40035F-AMP	Amplifier	Amplifier, 3.3-3.7GHz, CGH40035F GaN HEMT is included
CGH40045F-AMP	Amplifier	Amplifier, 2.3-2.7GHz, CGH40045F GaN HEMT is included
CGH40090PP-AMP	Amplifier	Amplifier, 0.5-2.5GHz, CGH40090PP GaN HEMT is included
CGH40120F-AMP	Amplifier	Amplifier, 1.2-1.4GHz, CGH40120F GaN HEMT is included

CGH40180PP-AMP Amplifier HEMT is included
CGH55030F2 GaN Amplifier HEMT is included

Amplifier, 1.1-1.3GHz, CGH40180PP GaN
CGH55030F2-AMP Amplifier HEMT is included

CGHV1F006S-AMP1	Amplifier	Evaluation Board, 5.85-7.2GHz, CGHV1F006S GaN HEMT included
CGHV1F006S-AMP3	Amplifier	Evaluation Board, 8.5-9.6GHz, CGHV1F006S GaN HEMT included
CGHV1F025S-AMP1	Amplifier	Evaluation Board, 8.9-9.6GHz, CGHV1F025S GaN HEMT included
CGHV14250F-TB	Test Board	Evaluation Board, 1.1-1.4GHz, CGHV14250F GaN HEMT not included
CGHV14500-TB	Test Board	Evaluation Board, 1.1-1.4GHz, CGHV14500F GaN HEMT not included
CGHV14800F-TB	Test Board	Evaluation Board, 1.1-1.4GHz, CGHV14800F GaN HEMT not included
CGHV27030S-AMP1	Amplifier	Evaluation Board, 2.5-2.7GHz, 50V, CGHV27030S GaN HEMT included
CGHV27030S-AMP2	Amplifier	Evaluation Board, 2.5-2.7GHz, 28V, CGHV27030S GaN HEMT included
CGHV27030S-AMP3	Amplifier	Evaluation Board, 1.8-2.2GHz, 28V, CGHV27030S GaN HEMT included
CGHV27030S-AMP4	Amplifier	Evaluation Board, 1.8-2.2GHz, 50V, CGHV27030S GaN HEMT included

CGH55015F2-AMP	Amplifier	Amplifier, 5.4-5.9GHz, CGH55015F2 GaN HEMT is included
CGH55030F2-AMP	Amplifier	Amplifier, 5.4-5.9GHz, CGH55030F2 GaN HEMT is included
CGHV14250F-AMP	Amplifier	Amplifier, 1.1-1.4GHz, CGHV14250F GaN HEMT is included
CGHV14500F-AMP	Amplifier	Amplifier, 1.1-1.4GHz, CGHV14500F GaN HEMT is included
CGHV14800F-AMP	Amplifier	Amplifier, 1.1-1.4GHz, CGHV14800F GaN HEMT is included
CGHV1F006S-AMP1	Amplifier	Amplifier, 5.85-7.2GHz, CGHV1F006S GaN HEMT included
CGHV1F006S-AMP3	Amplifier	Amplifier, 8.5-9.6GHz, CGHV1F006S GaN HEMT included
CGHV1F025S-AMP1	Amplifier	Amplifier, 8.9-9.6GHz, CGHV1F025S GaN HEMT included
CGHV27030S-AMP1	Amplifier	Amplifier, 2.5-2.7GHz, 50V, CGHV27030S GaN HEMT included
CGHV27030S-AMP2	Amplifier	Amplifier, 2.5-2.7GHz, 28V, CGHV27030S GaN HEMT included

CGHV27030S-AMP5	Amplifier	Evaluation Board, 1.2-1.4GHz, 50V, CGHV27030S GaN HEMT included
CGHV27060MP-AMP1	Amplifier	Evaluation Board, 2.5-2.7GHz, CGHV27060MP GaN HEMT included
CGHV31500F-TB	Test Board	Evaluation Board, 2.6-3.2GHz, CGHV31500F GaN HEMT not included
CGHV35150-TB	Test Board	Evaluation Board, 2.9-3.5GHz, CGHV35150F GaN HEMT not included
CGHV35400F-TB	Test Board	Evaluation Board, 2.9-3.6GHz, CGHV35400F GaN HEMT not included
CGHV40030F-AMP2	Amplifier	Amplifier, 0.5-2.7GHz, CGHV40030F GaN HEMT is included
CGHV40050F-TB	Test Board	Evaluation Board, 0.8-2.0GHz, CGHV40050F GaN HEMT not included
CGHV40100F-TB	Test Board	Evaluation Board, 0.5-2.5GHz, CGHV40100F GaN HEMT not included
CGHV40100P-TB	Test Board	Evaluation Board, 0.5-2.5GHz, CGHV40100P GaN HEMT not included
CGHV40180F-AMP1	Amplifier	Amplifier, 225-1000MHz, CGHV40180F GaN HEMT is included
CGHV40200PP-TB	Test Board	Evaluation Board, 1.7-1.9GHz, CGHV40200PP GaN HEMT not included

Amplifier, 4.4-5.0GHz, CGHV50200F GaN

CGHV40180F-AMP3

Amplifier GaN HEMT is included

CGHV59070F-TB	Test Board	Evaluation Board, 4.8-5.9GHz, CGHV59070F GaN HEMT not included
CGHV59070F-AMP	Amplifier	Amplifier, 4.8-5.9GHz, CGHV59070F GaN HEMT is included
CGHV59350F-TB	Test Board	Evaluation Board, 5.0-6.0GHz, CGHV59350F GaN HEMT not included
CGHV96050F1-TB	Test Board	Evaluation Board, 7.9-8.4GHz, CGHV96050F1 GaN HEMT not included
CGHV96050F2-TB	Test Board	Evaluation Board, 8.4-9.6GHz, CGHV96050F2 GaN HEMT not included
CGHV96100F2-TB	Test Board	Evaluation Board, 8.4-9.6GHz, CGHV96100F2 GaN HEMT not included
CMPA0060002F-TB	Test Board	Evaluation Board, 0.02-6.0GHz, CMPA0060002F GaN MMIC not included

CGHV27030S-AMP3	Amplifier	Amplifier, 1.8-2.2GHz, 28V, CGHV27030S GaN HEMT included
CGHV27030S-AMP4	Amplifier	Amplifier, 1.8-2.2GHz, 50V, CGHV27030S GaN HEMT included
CGHV27030S-AMP5	Amplifier	Amplifier, 1.2-1.4GHz, 50V, CGHV27030S GaN HEMT included
CGHV27060MP-AMP1	Amplifier	Amplifier, 2.5-2.7GHz, CGHV27060MP GaN HEMT included
CGHV31500F-AMP	Amplifier	Amplifier, 2.6-3.2GHz, CGHV31500F GaN HEMT is included
CGHV35150F-AMP	Amplifier	Amplifier, 2.9-3.5GHz, CGHV35150F GaN HEMT is included
CGHV35400F-AMP	Amplifier	Amplifier, 2.9-3.6GHz, CGHV35400F GaN HEMT is included
CGHV40030F-AMP2	Amplifier	Amplifier, 0.5-2.7GHz, CGHV40030F GaN HEMT is included
CGHV40050F-AMP	Amplifier	Amplifier, 0.8-2.0GHz, CGHV40050F GaN HEMT is included
CGHV40100F-AMP	Amplifier	Amplifier, 0.5-2.5GHz, CGHV40100F GaN HEMT is included
CGHV40100P-AMP	Amplifier	Amplifier, 0.5-2.5GHz, CGHV40100P GaN HEMT is included

Amplifier, 960-1250MHz, CGHV40180F CGHV50200F-AMP Amplifier HEMT is included

CGHV40200PP-AMP	Amplifier	Amplifier, 1.7-1.9GHz, CGHV40200PP GaN HEMT is included
CGHV50200F-AMP	Amplifier	Amplifier, 4.4-5.0GHz, CGHV50200F GaN HEMT is included
CGHV59070F-AMP	Amplifier	Amplifier, 4.8-5.9GHz, CGHV59070F GaN HEMT is included
CGHV59350F-AMP	Amplifier	Amplifier, 5.0-6.0GHz, CGHV59350F GaN HEMT is included
CGHV96050F1-AMP	Amplifier	Amplifier, 7.9-8.4GHz, CGHV96050F1 GaN HEMT is included
CGHV96050F2-AMP	Amplifier	Amplifier, 8.4-9.6GHz, CGHV96050F2 GaN HEMT is included
CGHV96100F2-AMP	Amplifier	Amplifier, 8.4-9.6GHz, CGHV96100F2 GaN HEMT is included

CMPA0060025F-TB	Test Board	Evaluation Board, 0.02-6.0GHz, CMPA0060025F GaN MMIC not included
CMPA0527005F-AMP1	Amplifier	Amplifier, 0.5-2.7GHz, CMPA0527005F, GaN MMIC is included
CMPA2060035F-AMP	Amplifier	Amplifier, 2.0-6.0GHz, CMPA2060035F, GaN MMIC is included
CMPA2560025F-TB	Test Board	Evaluation Board, 2.5-6.0GHz, CMPA2560025F GaN MMIC not included
CMPA2735075F1-AMP	Amplifier	Amplifier, 2.7-3.5GHz, CMPA2735075F1, GaN MMIC is included
CMPA5259025F-AMP	Amplifier	Amplifier, 5.2-5.9GHz, CMPA5259025F, GaN MMIC is included
CMPA5259050F-AMP	Amplifier	Amplifier, 5.2-5.9GHz, CMPA5259050F, GaN MMIC is included
CMPA5585025F-TB	Test Board	Evaluation Board, 5.5-8.5GHz, CMPA5585025F GaN MMIC not included
CMPA5585030F-TB	Test Board	Evaluation Board, 5.5-8.5GHz, CMPA5585030F GaN MMIC not included
CMPA801B025F-AMP	Amplifier	Amplifier, 8.0-11.0GHz, CMPA801B025F, GaN MMIC is included
CMPA801B030F-AMP	Amplifier	Amplifier, 8.0-11.0GHz, CMPA801B030F, GaN MMIC is included
CMPA901A035F-AMP	Amplifier	Amplifier, 9.0-10.0GHz, CMPA901A035F, GaN MMIC is included
CMPA601C025F-TB	Test Board	Evaluation Board, 6.0-12.0GHz, CMPA601C025F GaN MMIC not included
CMPA601C025F-AMP	Amplifier	Amplifier, 6.0-12.0GHz, CMPA601C025F GaN MMIC is included

CMPA0060002F-AMP	Amplifier	Amplifier, 0.02-6.0GHz, CMPA0060002F GaN MMIC is included
CMPA0060002F1-AMP	Amplifier	Amplifier, 0.02-6.0GHz, CMPA0060002F GaN MMIC is included
CMPA0060025F-AMP	Amplifier	Amplifier, 0.02-6.0GHz, CMPA0060025F GaN MMIC is included
CMPA0060025F1-AMP	Amplifier	Amplifier, 0.02-6.0GHz, CMPA0060025F GaN MMIC is included
CMPA0527005F-AMP1	Amplifier	Amplifier, 0.5-2.7GHz, CMPA0527005F, GaN MMIC is included
CMPA1D1E025F-AMP	Amplifier	Amplifier, 13.75-14.5GHz, CMPA1D1E025F GaN MMIC is included
CMPA1D1E080F-AMP	Amplifier	Amplifier, 13.75-14.5GHz, CMPA1D1E080F GaN MMIC is included
CMPA2060035F-AMP	Amplifier	Amplifier, 2.0-6.0GHz, CMPA2060035F, GaN MMIC is included
CMPA2560025F-AMP	Amplifier	Amplifier, 2.5-6.0GHz, CMPA2560025F GaN MMIC is included
CMPA2735075F1-AMP	Amplifier	Amplifier, 2.7-3.5GHz, CMPA2735075F1, 28V, GaN MMIC is included
CMPA2738060F-AMP	Amplifier	Amplifier, 2.7-3.8GHz, CMPA2738060F, 50V, GaN MMIC is included
CMPA5259025F-AMP	Amplifier	Amplifier, 5.2-5.9GHz, CMPA5259025F, GaN MMIC is included
CMPA5259050F-AMP	Amplifier	Amplifier, 5.2-5.9GHz, CMPA5259050F, GaN MMIC is included
CMPA5585025F-AMP	Amplifier	Amplifier, 5.5-8.5GHz, CMPA5585025F GaN MMIC is included

CMPA1D1E025F-TB	Test Board	Evaluation Board, 13.75-14.5GHz, CMPA1D1E025F GaN MMIC not included	CMPA5585030F-AMP	Amplifier	Amplifier, 5.5-8.5GHz, CMPA5585030F GaN MMIC is included
CMPA1D1E080F-AMP	Amplifier	Amplifier, 13.75-14.5GHz, CMPA1D1E080F GaN MMIC is included	CMPA601C025F-AMP	Amplifier	Amplifier, 6.0-12.0GHz, CMPA601C025F GaN MMIC is included
			CMPA801B025F-AMP	Amplifier	Amplifier, 8.0-11.0GHz, CMPA801B025F, GaN MMIC is included
			CMPA801B030F-AMP	Amplifier	Amplifier, 8.0-11.0GHz, CMPA801B030F, GaN MMIC is included

CMPA901A035F-AMP	Amplifier	Amplifier, 9.0-10.0GHz, CMPA901A035F, GaN MMIC is included
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