

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
ABA-51563	<a href="#">MAAL-010704</a>	Frequency:100-3500MHz Gain: 19.5 NF:0.9 SC70 (6L)/SOT-363 Current (mA): 60 OIP3(dBm): 31.5 P1dB(dBm): 22	Frequency:0Hz ~ 3.5GHz Gain: 21.5 NF:3.7 ~ 4 Current(mA): 18mA ~ 28mA SOT-363, SC70 OIP3: 11.4 P1dB: 1.8	Amplifier
ABA-51563	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency:0Hz ~ 3.5GHz Gain: 21.5 NF:3.7 ~ 4 Current(mA): 18mA ~ 28mA SOT-363, SC70 OIP3: 11.4 P1dB: 1.8	Amplifier
ABA-51563	<a href="#">MAAL-007304</a>	Frequency:500-3000MHz Gain: 25.5 NF:0.7 SOT-26 Current(mA): 12 OIP3(dBm): 19 P1dB (dBm): 7	Frequency:0Hz ~ 3.5GHz Gain: 21.5 NF:3.7 ~ 4 Current(mA): 18mA ~ 28mA SOT-363, SC70 OIP3: 11.4 P1dB: 1.8	Amplifier
ABA-52563	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency:0Hz ~ 3.5GHz Gain: 21.5 NF:3.3 ~ 4 Current(mA): 35mA SOT-363, SC70 OIP3: 19.9 P1dB: 9.8	Amplifier
ABA-52563	<a href="#">MAAL-010704</a>	Frequency:100-3500MHz Gain: 19.5 NF:0.9 SC70 (6L)/SOT-363 Current (mA): 60 OIP3(dBm): 31.5 P1dB(dBm): 22	Frequency:0Hz ~ 3.5GHz Gain: 21.5 NF:3.3 ~ 4 Current(mA): 35mA SOT-363, SC70 OIP3: 19.9 P1dB: 9.8	Amplifier
ABA-52563	<a href="#">MAAM-011206</a>	Frequency:0-15000MHz Gain: 13.5 NF:4.5 1.5 x 1.2 mm 6-lead TDFN Plastic Package Current (mA): 72 OIP3(dBm): 29 P1dB(dBm):	Frequency:0Hz ~ 3.5GHz Gain: 21.5 NF:3.3 ~ 4 Current(mA): 35mA SOT-363, SC70 OIP3: 19.9 P1dB: 9.8	Amplifier

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ABA-53563	<a href="#">MAAL-010704</a>	Frequency:100-3500MHz Gain: 19.5 NF:0.9 SC70 (6L)/SOT-363 Current (mA): 60 OIP3(dBm): 31.5 P1dB(dBm): 22	Frequency:0Hz ~ 3.5GHz Gain: 21.5 NF:3.5 ~ 4 Current(mA): 46mA SOT-363, SC70 OIP3: 22.9 P1dB: 12.7	Amplifier
ABA-53563	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:0Hz ~ 3.5GHz Gain: 21.5 NF:3.5 ~ 4 Current(mA): 46mA SOT-363, SC70 OIP3: 22.9 P1dB: 12.7	Amplifier
ABA-53563	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency:0Hz ~ 3.5GHz Gain: 21.5 NF:3.5 ~ 4 Current(mA): 46mA SOT-363, SC70 OIP3: 22.9 P1dB: 12.7	Amplifier
ABA-54563	<a href="#">MAAL-010704</a>	Frequency:100-3500MHz Gain: 19.5 NF:0.9 SC70 (6L)/SOT-363 Current (mA): 60 OIP3(dBm): 31.5 P1dB(dBm): 22	Frequency:0Hz ~ 3.4GHz Gain: 21 ~ 25 NF:4.4 ~ 4.8 Current(mA): 79mA ~ 90mA SOT-363, SC70 OIP3: 27.3 P1dB: 16.1	Amplifier
ABA-54563	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:0Hz ~ 3.4GHz Gain: 21 ~ 25 NF:4.4 ~ 4.8 Current(mA): 79mA ~ 90mA SOT-363, SC70 OIP3: 27.3 P1dB: 16.1	Amplifier
ABA-54563	<a href="#">MAAM-011206</a>	Frequency:0-15000MHz Gain: 13.5 NF:4.5 1.5 x 1.2 mm 6-lead TDFN Plastic Package Current (mA): 72 OIP3(dBm): 29 P1dB(dBm): 18	Frequency:0Hz ~ 3.4GHz Gain: 21 ~ 25 NF:4.4 ~ 4.8 Current(mA): 79mA ~ 90mA SOT-363, SC70 OIP3: 27.3 P1dB: 16.1	Amplifier
ACFM-7104	<a href="#">No alternative</a>	#N/A	#N/A	

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ADA-4543	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency:0Hz ~ 2.5GHz Gain: 13.5 ~ 16.5 NF:3.7 Current(mA): 15mA SOT-343, SC70 4-Lead OIP3: 15 P1dB: 2.4	Amplifier
ADA-4643	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency:0Hz ~ 2.5GHz Gain: 15.5 ~ 18.5 NF:4 Current(mA): 35mA SOT-343, SC70 4-Lead OIP3: 29 P1dB: 14	Amplifier
ADA-4643	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:0Hz ~ 2.5GHz Gain: 15.5 ~ 18.5 NF:4 Current(mA): 35mA SOT-343, SC70 4-Lead OIP3: 29 P1dB: 14	Amplifier
ADA-4743	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:0Hz ~ 2.5GHz Gain: 16.5 NF:4.2 Current(mA): 60mA SOT-343, SC70 4-Lead OIP3: 34 P1dB: 17.1	Amplifier
ADA-4743	<a href="#">MAAM-011206</a>	Frequency:0-15000MHz Gain: 13.5 NF:4.5 1.5 x 1.2 mm 6-lead TDFN Plastic Package Current (mA): 72 OIP3(dBm): 29 P1dB(dBm): 18	Frequency:0Hz ~ 2.5GHz Gain: 16.5 NF:4.2 Current(mA): 60mA SOT-343, SC70 4-Lead OIP3: 34 P1dB: 17.1	Amplifier
ADA-4789	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:0Hz ~ 2.5GHz Gain: 16.2 NF:4.4 Current(mA): 90mA SOT-89 OIP3: 29 P1dB: 16.9	Amplifier
ADA-4789	<a href="#">MAAL-011139</a>	Frequency:5-4000MHz Gain: 21 NF:1 SOT-89 Current(mA): 85 OIP3 (dBm): 34 P1dB(dBm): 19	Frequency:0Hz ~ 2.5GHz Gain: 16.2 NF:4.4 Current(mA): 90mA SOT-89 OIP3: 29 P1dB: 16.9	Amplifier

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ADA-4789	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency:0Hz ~ 2.5GHz Gain: 16.2 NF:4.4 Current(mA): 90mA SOT-89 OIP3: 29 P1dB: 16.9	Amplifier
ALM-11036	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:776MHz ~ 870MHz Gain: 15.6 NF: 0.78 Current(mA): 92mA 36-MCOB (10 x 7) OIP3:21.3 P1dB: 4	Switch - Amplifier
ALM-11036	<a href="#">MASWSS0129</a>	DC-6.0 GHz DPDT	Frequency:776MHz ~ 870MHz Gain: 15.6 NF: 0.78 Current(mA): 92mA 36-MCOB (10 x 7) OIP3:21.3 P1dB: 4	Switch - Amplifier
ALM-2812	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:2.4GHz ~ 2.5 GHz, 4.9GHz ~ 6GHz Gain: 16.7 NF:0.8 Current(mA): 15mA 12-MCOB (3x3) OIP3: Input P1dB: -5.5 to -12.8 dBm	Dual Amplifier
ALM-31122	<a href="#">MAAP-011232</a>	Frequency:100-3000MHz Gain: 23 NF: 3mm 16-LD PQFN Current(mA): 260 OIP3(dBm): 40 P1dB(dBm): 30	Frequency:700MHz ~ 1GHz Gain: 15.6 NF:2 Current(mA): 750mA 22-MCOB (5x6) OIP3: 47.6 P1dB: 31.6	Amplifier
ALM-31122	<a href="#">XF1001-SC</a>	Frequency:0-6000MHz Gain: 15.5 NF:4.5 SOT-89 Current(mA): 300 OIP3(dBm): 46.5 P1dB (dBm): 30	Frequency:700MHz ~ 1GHz Gain: 15.6 NF:2 Current(mA): 750mA 22-MCOB (5x6) OIP3: 47.6 P1dB: 31.6	Amplifier
ALM-31222	<a href="#">MAAP-011232</a>	Frequency:100-3000MHz Gain: 23 NF: 3mm 16-LD PQFN Current(mA): 260 OIP3(dBm): 40 P1dB(dBm): 30	Frequency:700MHz ~ 1GHz Gain: 15.6 NF:2 Current(mA): 750mA 22-MCOB (5x6) OIP3: 47.6 P1dB: 31.6	Amplifier
ALM-32120	<a href="#">XF1001-SC</a>	Frequency:0-6000MHz Gain: 15.5 NF:4.5 SOT-89 Current(mA): 300 OIP3(dBm): 46.5 P1dB (dBm): 30	Frequency:700MHz ~ 1GHz Gain: 14.3 NF:2.5 Current(mA): 1.5A 20-MCOB (7x10) OIP3: 52 P1dB: 34.4	Amplifier

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ALM-32220	<a href="#">XF1001-SC</a>	Frequency:0-6000MHz Gain: 15.5 NF:4.5 SOT-89 Current(mA): 300 OIP3(dBm): 46.5 P1dB (dBm): 30	Frequency:1.7GHz ~ 2.7 GHz Gain: 14.8 NF:3.5 Current(mA): 800mA 20-MCOB (7x10) OIP3: 50 P1dB: 34.4	Amplifier
ALM-32220	<a href="#">MAAP-011232</a>	Frequency:100-3000MHz Gain: 23 NF: 3mm 16-LD PQFN Current(mA): 260 OIP3(dBm): 40 P1dB(dBm): 30	Frequency:1.7GHz ~ 2.7 GHz Gain: 14.8 NF:3.5 Current(mA): 800mA 20-MCOB (7x10) OIP3: 50 P1dB: 34.4	Amplifier
ALM-32320	<a href="#">XF1001-SC</a>	Frequency:0-6000MHz Gain: 15.5 NF:4.5 SOT-89 Current(mA): 300 OIP3(dBm): 46.5 P1dB (dBm): 30	Frequency:3.3GHz ~ 3.9 GHz Gain: 12.6 NF:2.5 Current(mA): 810mA 20-MCOB (7x10) OIP3: 50 P1dB: 34.4	Amplifier
ALM-80110	<a href="#">MAAM-009320</a>	Frequency:400-2700MHz Gain: 25.5 NF:3 Current(mA): 231 OIP3 (dBm): 42 P1dB(dBm): 28	Frequency:400MHz ~ 1.6 GHz Gain: 13.5 NF:4.8 Current(mA): 110mA 10-MCOB (5x5) OIP3: 40.3 P1dB: 23.3	Variable Gain Amplifier
ALM-80210	<a href="#">MAAM-009320</a>	Frequency:400-2700MHz Gain: 25.5 NF:3 Current(mA): 231 OIP3 (dBm): 42 P1dB(dBm): 28	Frequency:1.6GHz ~ 2.7 GHz Gain: 9.5 NF:5.7 Current(mA): 112mA 10-MCOB (5x5) OIP3: 40.8 P1dB: 23.6	Variable Gain Amplifier
ALM-GA001	<a href="#">MAALSS0042</a>	Frequency:1500-1600MHz Gain: 27 NF: 1.2 SOIC8EP Current (mA): 20 OIP3(dBm): 13 P1dB(dBm): 1	Frequency:900MHz ~ 3.5 GHz Gain: 19.6 NF:1 Current(mA): 6mA 6-uDFN (1.5x1.2) OIP3: P1dB: -13dBm Input	Amplifier
ALM-GA001	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:900MHz ~ 3.5 GHz Gain: 19.6 NF:1 Current(mA): 6mA 6-uDFN (1.5x1.2) OIP3: P1dB: -13dBm Input	Amplifier
ALM-GA001	<a href="#">MAALSS0048</a>	Frequency:1400-2000MHz Gain: 17 NF: 1.6 SOT-26 Current (mA): 7 OIP3(dBm): 13 P1dB(dBm): 1	Frequency:900MHz ~ 3.5 GHz Gain: 19.6 NF:1 Current(mA): 6mA 6-uDFN (1.5x1.2) OIP3: P1dB: -13dBm Input	Amplifier

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ALM-GA002	<a href="#">MAALSS0048</a>	Frequency:1400-2000MHz Gain: 17 NF: 1.6 SOT-26 Current (mA): 7 OIP3(dBm): 13 P1dB(dBm): 1	Frequency:900MHz ~ 2.4 GHz Gain: 15 NF:1 Current(mA): 13mA 6-MCOB (2x2) OIP3: Input P1dB: 1.8dBm	Amplifier
ALM-GA002	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:900MHz ~ 2.4 GHz Gain: 15 NF:1 Current(mA): 13mA 6-MCOB (2x2) OIP3: Input P1dB: 1.8dBm	Amplifier
AMMC-2008	<a href="#">MASW-011107-DIE</a>	28GHZ SPDT	DC-50GHz SPDT	Switch
AMMC-2008	<a href="#">MA4AGSW2</a>	SPDT AlGaAs Switch (up to 70GHz)	DC-50GHz SPDT	Switch
AMMC-5024	<a href="#">MAAM-011238</a>	Amplifier, DC-67 GHz, Bare Die	Frequency:30KHz ~ 40GHz Gain: 17.5 NF:7.2 m Current(mA): 350mA Module OIP3: 30 P1dB: 22.5	Amplifier
AMMC-5024	<a href="#">MAAM-011243-DIE</a>	DC-40 GHz Distributed Amplifier, 0.25W, Bare Die	Frequency:30KHz ~ 40GHz Gain: 17.5 NF:7.2 m Current(mA): 350mA Module OIP3: 30 P1dB: 22.5	Amplifier
AMMC-5024	<a href="#">MAAM-011275-DIE</a>	Amplifier, DC-40+GHz, Distributed	Frequency:30KHz ~ 40GHz Gain: 17.5 NF:7.2 m Current(mA): 350mA Module OIP3: 30 P1dB: 22.5	Amplifier
AMMC-5025	<a href="#">MAAP-011302</a>	DC-80GHz Amplifier	Frequency:30KHz ~ 80GHz Gain: 8 NF:- Current(mA): 100mA Module OIP3: 20 P1dB: 15	Amplifier
AMMC-5026	<a href="#">MAAM-011243-DIE</a>	DC-40 GHz Distributed Amplifier, 0.25W, Bare Die	Frequency:2GHz ~ 35GHz Gain: 10.5 NF:4.3 Current(mA): 350mA Module OIP3: 31 P1dB: 24	Amplifier

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AMMC-5026	<a href="#">MAAM-011238</a>	Amplifier, DC-67 GHz, Bare Die	Frequency:2GHz ~ 35GHz Gain: 10.5 NF:4.3 Current(mA): 350mA Module OIP3: 31 P1dB: 24	Amplifier
AMMC-5040	<a href="#">MAAM-015023-DIE</a>	Frequency:18000-40000MHz Gain: 26 NF: 6 Current(mA): 335 OIP3(dBm): 30 P1dB (dBm): 20	Frequency:20GHz ~ 45GHz Gain: 25 NF:- Current(mA): 225mA Module OIP3: 30 P1dB: 19.5	Amplifier
AMMC-5040	<a href="#">MAAM-011243-DIE</a>	Frequency: DC-40GHz, Gain: 14dB, NF:4, Current(mA): 180, Die, OIP3(dBm) 30, P1dB: 20.5	Frequency:20GHz ~ 45GHz Gain: 25 NF:- Current(mA): 225mA Module OIP3: 30 P1dB: 19.5	Amplifier
AMMC-5618	<a href="#">MAAL-011141-DIE</a>	Frequency:0-28000MHz Gain: 17 NF:1.4 Die Current(mA): 60 OIP3 (dBm): 26 P1dB(dBm): 16	Frequency:6GHz ~ 20GHz Gain: 14.5 NF:4.4 Current(mA): 107mA Module OIP3: 26 P1dB: 19.5	Amplifier
AMMC-5618	<a href="#">MAAM-011239-DIE</a>	Frequency: 5-20GHz, Gain: 15dB, NF:5, Current(mA):90, Die, OIP3(dBm):28, P1dB (dBm):18	Frequency:6GHz ~ 20GHz Gain: 14.5 NF:4.4 Current(mA): 107mA Module OIP3: 26 P1dB: 19.5	Amplifier
AMMC-5618	<a href="#">MAAM-011239</a>	Frequency: 5-20GHz, Gain: 15dB,NF:5, Current (mA):90, 3mm QFN, OIP3 (dBm):28, P1dB(dBm):18	Frequency:6GHz ~ 20GHz Gain: 14.5 NF:4.4 Current(mA): 107mA Module OIP3: 26 P1dB: 19.5	
AMMC-5618	<a href="#">MAAM-011109-DIE</a>	Frequency:0-50000MHz Gain: 15.5 NF:3.5 Current(mA): 190 OIP3 (dBm): 29 P1dB(dBm): 21	Frequency:6GHz ~ 20GHz Gain: 14.5 NF:4.4 Current(mA): 107mA Module OIP3: 26 P1dB: 19.5	Amplifier
AMMC-5618	<a href="#">MAAM-011101</a>	Frequency:4000-20000MHz Gain: 16 NF: 4 1.5X1.2mm TDFN-6LD Current(mA): 45 OIP3 (dBm): 30 P1dB(dBm):	Frequency:6GHz ~ 20GHz Gain: 14.5 NF:4.4 Current(mA): 107mA Module OIP3: 26 P1dB: 19.5	Amplifier

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AMMC-5618	<a href="#">MAAM-011235</a>	In Development - Frequency: 5-20GHz Gain 20dB, NF: 5, 3mm QFN, Current(mA):120, OIP3(dBm):30, P1dB (dBm): 20	Frequency:6GHz ~ 20GHz Gain: 14.5 NF:4.4 Current(mA): 107mA Module OIP3: 26 P1dB: 19.5	Amplifier
AMMC-5620	<a href="#">MAAL-011130</a>	Frequency:2000- 18000MHz Gain: 19 NF: 1.4 2 mm 8-Lead PDFN Current(mA): 80 OIP3 (dBm): 21 P1dB(dBm): 14	Frequency:6GHz ~ 20GHz Gain: 19 NF:4.2 Current(mA): 105mA Module OIP3: 23.5 P1dB: 15	Amplifier
AMMC-5620	<a href="#">MAAL-011141-DIE</a>	Frequency:0-28000MHz Gain: 17 NF:1.4 Die Current(mA): 60 OIP3 (dBm): 26 P1dB(dBm): 16	Frequency:6GHz ~ 20GHz Gain: 19 NF:4.2 Current(mA): 105mA Module OIP3: 23.5 P1dB: 15	Amplifier
AMMC-5620	<a href="#">MAAM-011109-DIE</a>	Frequency:0-50000MHz Gain: 15.5 NF:3.5 Current(mA): 190 OIP3 (dBm): 29 P1dB(dBm): 21	Frequency:6GHz ~ 20GHz Gain: 19 NF:4.2 Current(mA): 105mA Module OIP3: 23.5 P1dB: 15	Amplifier
AMMC-5620	<a href="#">MAAM-011235-DIE</a>	In Development - Frequency: 5-20GHz Gain 20dB, NF: 5, 3mm QFN, Current(mA):120, OIP3(dBm):30, P1dB (dBm): 20	Frequency:6GHz ~ 20GHz Gain: 19 NF:4.2 Current(mA): 105mA Module OIP3: 23.5 P1dB: 15	Amplifier
AMMC-5620	<a href="#">MAAL-011141-DIE</a>	Frequency:0-28000MHz Gain: 17 NF:1.4 Die Current(mA): 60 OIP3 (dBm): 26 P1dB(dBm): 16	Frequency:6GHz ~ 20GHz Gain: 19 NF:4.2 Current(mA): 105mA Module OIP3: 23.5 P1dB: 15	Amplifier
AMMC-6120	<a href="#">XX1000-BD</a>	Frequency: 15-50GHz Out, Current: 220mA, Die, P1dB: 13 dBm	Frequency: 8-24GHz Out Current(mA): 85 Die P1dB: 13	Doubler
AMMC-6120	<a href="#">XX1002-BD</a>	Frequency: 5-12GHz Out, Current: 125mA, Die, P1dB: 16 dBm	Frequency: 8-24GHz Out Current(mA): 85 Die P1dB: 13	Doubler
AMMC-6140	<a href="#">xx1000-BD</a>	Frequency: 15-50GHz Out, Current: 220mA, Die, P1dB: 13 dBm	Frequency: 20-40GHz Out Current(mA): 27 Die P1dB: 0	Doubler



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AMMC-6220	<a href="#">MAAL-011141-DIE</a>	Frequency:0-28000MHz Gain: 17 NF:1.4 Die Current(mA): 60 OIP3 (dBm): 26 P1dB(dBm): 16	Frequency:6GHz ~ 20GHz Gain: 23 NF:2 Current(mA): 55mA Module OIP3: 19 P1dB: 9	Amplifier
AMMC-6220	<a href="#">MAAL-011141-DIE</a>	Frequency:0-28000MHz Gain: 17 NF:1.4 Die Current(mA): 60 OIP3 (dBm): 26 P1dB(dBm): 16	Frequency:6GHz ~ 20GHz Gain: 23 NF:2 Current(mA): 55mA Module OIP3: 19 P1dB: 9	Amplifier
AMMC-6232	<a href="#">maam-015023-die</a>	Frequency:18000- 40000MHz Gain: 26 NF: 6 Current(mA): 335 OIP3(dBm): 30 P1dB (dBm):20	Frequency:18GHz ~ 32GHz Gain: 32 NF:4 Current(mA): 135mA - OIP3: 29 P1dB: 19	Amplifier
AMMC-6233	<a href="#">XL1000-BD</a>	Frequency:20000- 40000MHz Gain: 20 NF: 2 DIE Current(mA): 35 OIP3(dBm): 16 P1dB (dBm):	Frequency:18GHz ~ 32GHz Gain: 22 NF: 3 Current(mA): 65mA - OIP3: 19 P1dB: 8	Amplifier
AMMC-6241	<a href="#">maam-015023-die</a>	Frequency:18000- 40000MHz Gain: 26 NF: 6 Current(mA): 335 OIP3(dBm): 30 P1dB (dBm):20	Frequency:26GHz ~ 43GHz Gain: 21 NF:3 Current(mA): 60mA Module OIP3: 20 P1dB: 10	Amplifier
AMMC-6241	<a href="#">MAAM-011238</a>	Amplifier, DC-67 GHz, Bare Die	Frequency:26GHz ~ 43GHz Gain: 21 NF:3 Current(mA): 60mA Module OIP3: 20 P1dB: 10	
AMMC-6333	<a href="#">maam-015023-die</a>	Frequency:18000- 40000MHz Gain: 26 NF: 6 Current(mA): 335 OIP3(dBm): 30 P1dB (dBm):20	Frequency:18GHz ~ 33GHz Gain: 22 NF:- Current(mA): 230mA Module OIP3: 30 P1dB: 23	Amplifier
AMMC-6333	<a href="#">MAAM-011238</a>	Amplifier, DC-67 GHz, Bare Die	Frequency:18GHz ~ 33GHz Gain: 22 NF:- Current(mA): 230mA Module OIP3: 30 P1dB: 23	Amplifier

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AMMC-6345	<a href="#">MAAM-011109-DIE</a>	Frequency:0-50000MHz Gain: 15.5 NF:3.5 Current(mA): 190 OIP3 (dBm): 29 P1dB(dBm): 21	Frequency:20GHz ~ 45GHz Gain: 18 NF:- Current(mA): 450mA Module OIP3: 32 P1dB: 24	Amplifier
AMMC-6345	<a href="#">XD1001-BD</a>	Frequency: 18-50GHz, Gain(dB): 17, NF: 5, Die, Current(mA): 160, OIP3 (dBm): 24, P1dB(dBm): 15	Frequency:20GHz ~ 45GHz Gain: 18 NF:- Current(mA): 450mA Module OIP3: 32 P1dB: 24	Amplifier
AMMC-6345	<a href="#">MAAM-011238</a>	Amplifier, DC-67 GHz, Bare Die	Frequency:20GHz ~ 45GHz Gain: 18 NF:- Current(mA): 450mA Module OIP3: 32 P1dB: 24	Amplifier
AMMC-6408	<a href="#">MAAP-011248-DIE</a>	Frequency:0-22000MHz Gain: 13.5 NF: Die Current(mA): 400 OIP3 (dBm): 36 P1dB(dBm): 30	Frequency:6GHz ~ 18GHz Gain: 19 NF:- Current(mA): 650mA - OIP3: 38 P1dB: 29	Amplifier
AMMC-6408	<a href="#">MAAM-011109-DIE</a>	Frequency:0-50000MHz Gain: 15.5 NF:3.5 Current(mA): 190 OIP3 (dBm): 29 P1dB(dBm): 21	Frequency:6GHz ~ 18GHz Gain: 19 NF:- Current(mA): 650mA - OIP3: 38 P1dB: 29	Amplifier
AMMC-6408	<a href="#">MAAM-011238</a>	Amplifier, DC-67 GHz, Bare Die	Frequency:6GHz ~ 18GHz Gain: 19 NF:- Current(mA): 650mA - OIP3: 38 P1dB: 29	Amplifier
AMMC-6425	<a href="#">MAAP-018260</a>	Frequency:18000-26000MHz Gain: 27 NF: 5mm 24-LD QFN Current (mA): 1300 OIP3(dBm): 40 P1dB(dBm): 32.5	Frequency:18GHz ~ 28GHz Gain: 24 NF:- Current(mA): 650mA - OIP3: 38 P1dB: 28.5	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
AMMC-6431	<a href="#">maap-011246</a>	Frequency:27500-31500MHz Gain: 23 NF: 5 mm AQFN 32-lead Package Current(mA): 1450 OIP3(dBm): 37 P1dB(dBm): 33	Frequency:25GHz ~ 33GHz Gain: 19 NF:- Current(mA): 650mA - OIP3: 38 P1dB: 28.5	Amplifier
AMMC-6431	<a href="#">MAAM-011112</a>	Frequency:20000-37000MHz Gain: 24 NF: 6.5 3mm PQFN-16LD Current(mA): 335 OIP3 (dBm): 30 P1dB(dBm):	Frequency:25GHz ~ 33GHz Gain: 19 NF:- Current(mA): 650mA - OIP3: 38 P1dB: 28.5	Amplifier
AMMC-6442	<a href="#">xp1018-bd</a>	Frequency:37000-42000MHz Gain: 26 NF: DIE Current(mA): 465 OIP3(dBm): 34 P1dB (dBm): 26	Frequency: 37-40GHz Gain: 23 NF: Current (mA): 700 OIP3: 37 P1dB: 30	Amplifier
AMMC-6442	<a href="#">MAAP-011170</a>	Frequency:37000-40000MHz Gain: 27 NF: Lead-Free 7 mm 16-lead SMD Package Current (mA): 1000 OIP3(dBm): 38 P1dB(dBm): 28	Frequency: 37-40GHz Gain: 23 NF: Current (mA): 700 OIP3: 37 P1dB: 30	Amplifier
AMMC-6530	<a href="#">MAMX-011040</a>	Mixer, Image Reject, 6-26 GHz, 4mm QFN	Mixer, Image Reject, 5-30GHz, Die	Mixer
AMMC-6530	<a href="#">XM1001-BD</a>	12.0-40.0 GHz GaAs MMIC fundamental image reject mixer	Mixer, Image Reject, 5-30GHz, Die	Mixer

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
AMMC-6545	<a href="#">MAMX-011009</a>	Sub-Harmonic Pumped Mixer 14-32GHz	Sub-Harmonic Mixer, 18-45GHz	Mixer
AMMP-5024	<a href="#">MAAM-011238</a>	Amplifier, DC-67 GHz, Bare Die	Frequency:30KHz ~ 20GHz Gain: 14.8 NF:4.6 Current(mA): 200mA 8-SMD (5x5) OIP3: 30 P1dB: 22	Amplifier
AMMP-5024	<a href="#">MAAM-011275</a>	Amplifier, DC-50 GHz, 5x5mm	Frequency:30KHz ~ 20GHz Gain: 14.8 NF:4.6 Current(mA): 200mA 8-SMD (5x5) OIP3: 30 P1dB: 22	Amplifier
AMMP-5618	<a href="#">MAAM-011101</a>	Frequency:4000-20000MHz Gain: 16 NF: 4 1.5X1.2mm TDFN-6LD Current(mA): 45 OIP3 (dBm): 30 P1dB(dBm): 19	Frequency:6GHz ~ 20GHz Gain: 13 NF:4.4 Current(mA): 107mA 8-SMD (5x5) OIP3: 30 P1dB: 19	Amplifier
AMMP-5618	<a href="#">MAAM-011100</a>	Frequency:500-20000MHz Gain: 12 NF: 5 Current(mA): 70 OIP3(dBm): 25 P1dB (dBm): 15	Frequency:6GHz ~ 20GHz Gain: 13 NF:4.4 Current(mA): 107mA 8-SMD (5x5) OIP3: 30 P1dB: 19	Amplifier
AMMP-5620	<a href="#">maam-011100</a>	Frequency:500-20000MHz Gain: 12 NF: 5 Current(mA): 70 OIP3(dBm): 25 P1dB (dBm): 15	Frequency:6GHz ~ 20GHz Gain: 17.5 NF:5.1 Current(mA): 95mA 8-SMD (5x5) OIP3: 22.5 P1dB: 15	Amplifier
AMMP-5620	<a href="#">MAAM-011109</a>	Frequency:100-40000MHz Gain: 13 NF: 3.5 Current(mA): 170 OIP3(dBm): 22 P1dB (dBm): +13 to +18	Frequency:6GHz ~ 20GHz Gain: 17.5 NF:5.1 Current(mA): 95mA 8-SMD (5x5) OIP3: 22.5 P1dB: 15	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
AMMP-5620	<a href="#">MAAM-011101</a>	Frequency:4000-20000MHz Gain: 16 NF: 4 1.5X1.2mm TDFN-6LD Current(mA): 45 OIP3 (dBm): 30 P1dB(dBm): 19	Frequency:6GHz ~ 20GHz Gain: 17.5 NF:5.1 Current(mA): 95mA 8-SMD (5x5) OIP3: 22.5 P1dB: 15	Amplifier
AMMP-6120	<a href="#">MAFC-004403</a>	Doubler, 16-24GHz Output	8-24GHz Output Frequency Doubler	Doubler
AMMP-6120	<a href="#">MAFC-010511</a>	Doubler, 16-24GHz Output	8-24GHz Output Frequency Doubler	Doubler
AMMP-6125	<a href="#">MAFC-004403</a>	Doubler, 16-24GHz Output	10-24GHz Output Frequency Doubler	Doubler
AMMP-6130	<a href="#">XX1007-BD</a>	Doubler 27-34GHz Output	Frequency:15GHz, 30GHz Gain: 18.5 NF:- Current(mA): 200mA 8-SMD (5x5) OIP3: P1dB:	Doubler
AMMP-6220	<a href="#">MAAL-011141</a>	Frequency:100-26500MHz Gain: 17 NF: 1.4 Plastic Current(mA): 60 OIP3(dBm): 28 P1dB (dBm): 18	Frequency:6GHz ~ 20GHz Gain: 22 NF:2.5 Current(mA): 55mA 8-SMD (5x5) OIP3: 20 P1dB: 10	Amplifier
AMMP-6222	<a href="#">MAAL-011141</a>	Frequency:100-26500MHz Gain: 17 NF: 1.4 Plastic Current(mA): 60 OIP3(dBm): 28 P1dB (dBm): 18	Frequency:7GHz ~ 21GHz Gain: 24 NF:2.3 Current(mA): 120mA 8-SMD (5x5) OIP3: 29 P1dB: 15.5	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
AMMP-6232	<a href="#">MAAL-011129</a>	Frequency:18000-31500MHz Gain: 23 NF: 2.5 2 mm 8-Lead PDFN Current(mA): 80 OIP3 (dBm): 25 P1dB(dBm): 16	Frequency:18GHz ~ 32GHz Gain: 23 NF:3 Current(mA): 135mA 8-SMD (5x5) OIP3: 29 P1dB: 18	Amplifier
AMMP-6233	<a href="#">MAAL-011129</a>	Frequency:18000-31500MHz Gain: 23 NF: 2.5 2 mm 8-Lead PDFN Current(mA): 80 OIP3 (dBm): 25 P1dB(dBm): 16	Frequency:18GHz ~ 32GHz Gain: 23.2 NF:2.6 Current(mA): 65mA 8-SMD (5x5) OIP3: 19 P1dB: 8	Amplifier
AMMP-6331	<a href="#">maam-015023-die</a>	Frequency:18000-40000MHz Gain: 26 NF: 6 Current(mA): 335 OIP3(dBm): 30 P1dB (dBm): 20	Frequency:18-31GHz Gain:20 NF: Current (mA):230 OIP3:30 P1dB: 23	Amplifier
AMMP-6331	<a href="#">maal-011129</a>	Frequency:18000-31500MHz Gain: 23 NF: 2.5 2 mm 8-Lead PDFN Current(mA): 80 OIP3 (dBm): 25 P1dB(dBm): 16	Frequency:18-31GHz Gain:20 NF: Current (mA):230 OIP3:30 P1dB: 23	Amplifier
AMMP-6333	<a href="#">maam-015023-die</a>	Frequency:18000-40000MHz Gain: 26 NF: 6 Current(mA): 335 OIP3(dBm): 30 P1dB (dBm):20	Frequency:18GHz ~ 33GHz Gain: 16 NF:- Current(mA): 230mA 8-SMD (5x5) OIP3: 30 P1dB: 23	Amplifier
AMMP-6333	<a href="#">maal-011129</a>	Frequency:18000-31500MHz Gain: 23 NF: 2.5 2 mm 8-Lead PDFN Current(mA): 80 OIP3 (dBm): 25 P1dB(dBm): 16	Frequency:18GHz ~ 33GHz Gain: 16 NF:- Current(mA): 230mA 8-SMD (5x5) OIP3: 30 P1dB: 23	Amplifier
AMMP-6408	<a href="#">MAAP-011248</a>	Frequency:0-22000MHz Gain: 13 NF: Lead-Free 5 mm 32-Lead AQFN Package Current(mA): OIP3(dBm): 39 P1dB (dBm): 30	Frequency:6GHz ~ 18GHz Gain: 18 NF:- Current(mA): 650mA 8-SMD (5x5) OIP3: 38 P1dB: 28	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
AMMP-6425	<a href="#">MAAP-118260</a>	Frequency:18000-26000MHz Gain: 27 NF: 5 mm 24-LD QFN package Current(mA): 1300 OIP3(dBm): 40 P1dB(dBm): 32.5	Frequency:18GHz ~ 28GHz Gain: 23 NF:- Current(mA): 650mA 8-SMD (5x5) OIP3:35 P1dB: 28	Amplifier
#N/A	<a href="#">MAAP-011246</a>	Frequency:27500-31500MHz Gain: 23 NF: 5 mm AQFN 32-lead Package Current(mA): 1450 OIP3(dBm): 37 P1dB(dBm): 33	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	
AMMP-6430	<a href="#">MAAP-011246</a>	Frequency:27500-31500MHz Gain: 23 NF: 5 mm AQFN 32-lead Package Current(mA): 1450 OIP3(dBm): 37 P1dB(dBm): 33	Frequency:27GHz ~ 34GHz Gain: 20 NF:- Current(mA): 650mA 8-SMD (5x5) OIP3: 34 P1dB: 28	Amplifier
AMMP-6442	<a href="#">MAAP-011170</a>	Frequency:37000-40000MHz Gain: 27 NF: Lead-Free 7 mm 16-lead SMD Package Current (mA): 1000 OIP3(dBm): 38 P1dB(dBm): 28	Frequency:37GHz ~ 40GHz Gain: 23 NF:- Current(mA): 700mA - OIP3: 36 P1dB: 30	Amplifier
AMMP-6522	<a href="#">XR1015-QH</a>	10.0-16.0 GHz GaAs Receiver QFN, 4x4mm	Frequency:7GHz ~ 20GHz Gain: 13 NF:2.6 Current(mA): 75mA 8-SMD (5x5) OIP3: P1dB:	Amplifier
AMMP-6530	<a href="#">MAMX-011040</a>	Mixer, Image Reject, 6-26 GHz, 4mm QFN	Mixer, Image Reject, 5-30 GHz, 4mm QFN	Mixer
AMMP-6530	<a href="#">XM1001-BD</a>	Mixer, Image Reject, 37-40GHzz	Mixer, Image Reject, 5-30 GHz, 4mm QFN	Mixer

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
AMMP-6545	<a href="#">MAMX-011009</a>	Sub-Harmonic Pumped Mixer 14-32GHz	Frequency:20GHz ~ 32GHz Gain: 13 NF:3 Current(mA): 90mA 8-SMD (5x5) OIP3: P1dB:	Mixer
AMMP-6545	<a href="#">MAMX-011021</a>	High Linearity Mixer, 5-35GHz	Frequency:20GHz ~ 32GHz Gain: 13 NF:3 Current(mA): 90mA 8-SMD (5x5) OIP3: P1dB:	Mixer
ASML-5822	<a href="#">MADL-011021</a>	PIN-Schottky Anti-Parallel Diode Limiter, 10MHz - 6GHz	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	Limiter
ASML-5829	<a href="#">MADL-011021</a>	PIN-Schottky Anti-Parallel Diode Limiter, 10MHz - 6GHz	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	Limiter
ATF-33143	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-331M4	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-35143	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET



Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
ATF-36163	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm):	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-36163	<a href="#">MAAL-011130</a>	Frequency:2000-18000MHz Gain: 19 NF: 1.4 2 mm 8-Lead PDFN Current(mA): 80 OIP3 (dBm): 21 P1dB(dBm): 14	Frequency:1.5-18 GHz Gain: 12 NF: 0.8dB Current(mA): 25 SOT-363 OIP3: P1dB:	FET
ATF-38143	<a href="#">MAAL-007304</a>	Frequency:500-3000MHz Gain: 25.5 NF:0.7 SOT-26 Current(mA): 12 OIP3(dBm): 19 P1dB (dBm): 7	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-38143	<a href="#">MAALSS0048</a>	Frequency:1400-2000MHz Gain: 17 NF: 1.6 SOT-26 Current (mA): 7 OIP3(dBm): 13 P1dB(dBm):	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-50189	<a href="#">XF1001-SC</a>	Frequency:0-6000MHz Gain: 15.5 NF:4.5 SOT-89 Current(mA): 300 OIP3(dBm): 46.5 P1dB (dBm): 30	Frequency: Gain: NF: Current(mA): OIP3: 45 P1dB: 29	FET
ATF-50189	<a href="#">MAAM-009560</a>	Frequency:250-4000MHz Gain: 15 NF:3 SOT-89 Current(mA): 225 OIP3 (dBm): 42 P1dB(dBm):	Frequency: Gain: NF: Current(mA): OIP3: 45 P1dB: 29	FET
ATF-501P8	<a href="#">MAAP-011232</a>	Frequency:100-3000MHz Gain: 23 NF: 3mm 16-LD PQFN Current(mA): 260 OIP3(dBm): 40 P1dB(dBm): 30	Frequency: Gain: NF: Current(mA): OIP3: 45 P1dB: 28	FET
ATF-501P8	<a href="#">MAAM-009560</a>	Frequency:250-4000MHz Gain: 15 NF:3 SOT-89 Current(mA): 225 OIP3 (dBm): 42 P1dB(dBm):	Frequency: Gain: NF: Current(mA): OIP3: 45 P1dB: 28	FET

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
ATF-511P8	<a href="#">MAAP-011232</a>	Frequency:100-3000MHz Gain: 23 NF: 3mm 16-LD PQFN Current(mA): 260 OIP3(dBm): 40 P1dB(dBm): 30	Frequency: Gain: NF: Current(mA): OIP3: 41.7 P1dB: 30	FET
ATF-52189	<a href="#">MAAM-009560</a>	Frequency:250-4000MHz Gain: 15 NF:3 SOT-89 Current(mA): 225 OIP3 (dBm): 42 P1dB(dBm):	Frequency: Gain: NF: Current(mA): OIP3: 42 P1dB: 27	FET
ATF-521P8	<a href="#">MAAM-009560</a>	Frequency:250-4000MHz Gain: 15 NF:3 SOT-89 Current(mA): 225 OIP3 (dBm): 42 P1dB(dBm):	Frequency: Gain: NF: Current(mA): OIP3: 42 P1dB: 26.5	FET
ATF-53189	<a href="#">MAAL-011139</a>	Frequency:5-4000MHz Gain: 21 NF:1 SOT-89 Current(mA): 85 OIP3 (dBm): 34 P1dB(dBm):	Frequency: Gain: NF: Current(mA): OIP3: 40 P1dB: 23	FET
ATF-53189	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency: Gain: NF: Current(mA): OIP3: 40 P1dB: 23	FET
AVT-50663	<a href="#">MAAM-011206</a>	Frequency:0-15000MHz Gain: 13.5 NF:4.5 1.5 x 1.2 mm 6-lead TDFN Plastic Package Current (mA): 72 OIP3(dBm): 29 P1dB(dBm): 18	Frequency: DC-6GHz, Gain: 15dB, NF: 4dB, SC-70, OIP3: 25dBm, P1dB: 12.5	Amplifier
HMPP-389T	<a href="#">MADP-008120-12790T</a>	Surface Mount Plastic PIN Diode		Switch
HSMS-282K	<a href="#">Select from MA4E2200 Series</a>	Silicon zero bias P-type detector diodes		Switch
MGA13316	<a href="#">MAAL-011134 / MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm):	Frequency : 2.2-4GHz, Gain: 34dB, NF: 0.8, 4mm Package, OIP3:42, P1dB: 23.5	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-30216	<a href="#">MAAP-011232</a>	Frequency:100-3000MHz Gain: 23 NF: 3mm 16-LD PQFN Current(mA): 260 OIP3(dBm): 40 P1dB(dBm): 30	Frequency:1.7GHz ~ 2.7 GHz Gain: 14.2 NF:2.8 Current(mA): 400mA 16-QFN (3x3) OIP3: 45.3 P1dB: 29	Amplifier
MGA-30689	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:40MHz ~ 2.6 GHz Gain: 14.6 NF:3.3 Current(mA): 104mA SOT-89-3 OIP3: 40 P1dB: 22.5	Amplifier
MGA-30689	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:40MHz ~ 2.6 GHz Gain: 14.6 NF:3.3 Current(mA): 104mA SOT-89-3 OIP3: 40 P1dB: 22.5	Amplifier
MGA-30889	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:40MHz ~ 2.6 GHz Gain: 15.7 NF:2 Current(mA): 65mA SOT-89-3 OIP3: 38 P1dB: –	Amplifier
MGA-30889	<a href="#">MAAL-011139</a>	Frequency:5-4000MHz Gain: 21 NF:1 SOT-89 Current(mA): 85 OIP3 (dBm): 34 P1dB(dBm): 19	Frequency:40MHz ~ 2.6 GHz Gain: 15.7 NF:2 Current(mA): 65mA SOT-89-3 OIP3: 38 P1dB: –	Amplifier
MGA-30889	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:40MHz ~ 2.6 GHz Gain: 15.7 NF:2 Current(mA): 65mA SOT-89-3 OIP3: 38 P1dB: –	Amplifier
MGA-31289	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:1.5GHz ~ 3GHz Gain: 18.7 NF:2 Current(mA): 124mA SOT-89-3 OIP3: 41.8 P1dB: 24	Amplifier
MGA-31489	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:1.5GHz ~ 3GHz Gain: 20.5 NF:2 Current(mA): 69mA SOT-89-3 OIP3: 37.3 P1dB: 21.9	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-61563	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency:0Hz ~ 5GHz Gain: 15 ~ 18 NF:1.17 ~ 1.8 Current(mA): 32mA ~ 48mA SOT-363, SC70 OIP3: 31.7 P1dB: 15.1	Amplifier
MGA-61563	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Low Noise Amplifier, 700MHz - 6GHz	Amplifier
MGA-62563	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency:100MHz ~ 3GHz Gain: 22 NF:0.8 Current(mA): 47mA ~ 77mA SOT-363, SC70 OIP3: 35 P1dB: 18	Amplifier
MGA-62563	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency:100MHz ~ 3GHz Gain: 22 NF:0.8 Current(mA): 47mA ~ 77mA SOT-363, SC70 OIP3: 35 P1dB: 18	Amplifier
MGA-632P8	<a href="#">MAAL-010706</a>	Frequency:1400-4000MHz Gain: 17.5 NF: 0.6 2mm PDFN-8LD Current(mA): 60 OIP3 (dBm): 34.5 P1dB(dBm):	Frequency:1.4GHz ~ 3GHz Gain: 17.6 NF:0.62 Current(mA): 57mA 42-CSP (5.0x4.6) OIP3: 34.8 P1dB: 19.2	Amplifier
MGA-633P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:450MHz ~ 2GHz Gain: 18 NF:0.37 Current(mA): 54mA 8-QFN (2x2) OIP3: 37 P1dB: -	Amplifier
MGA-633P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:450MHz ~ 2GHz Gain: 18 NF:0.37 Current(mA): 54mA 8-QFN (2x2) OIP3: 37 P1dB: -	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-634P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:1.5GHz ~ 2.3 GHz Gain: 17.4 NF:0.44 Current(mA): 48mA 8-QFN (2x2) OIP3: 36 P1dB: 22	Amplifier
MGA-634P8	<a href="#">MAAL-010705</a>	Frequency:500-1600MHz Gain: 19 NF:0.5 2mm PDFN-8LD Current(mA): 60 OIP3(dBm): 32 P1dB (dBm):	Frequency:1.5GHz ~ 2.3 GHz Gain: 17.4 NF:0.44 Current(mA): 48mA 8-QFN (2x2) OIP3: 36 P1dB: 22	Amplifier
MGA-634P8	<a href="#">MAAL-010706</a>	Frequency:1400-4000MHz Gain: 17.5 NF: 0.6 2mm PDFN-8LD Current(mA): 60 OIP3 (dBm): 34.5 P1dB(dBm): 19	Frequency:1.5GHz ~ 2.3 GHz Gain: 17.4 NF:0.44 Current(mA): 48mA 8-QFN (2x2) OIP3: 36 P1dB: 22	Amplifier
MGA-637P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:450MHz ~ 1.5 GHz Gain: 17.3 NF:0.52 Current(mA): 75mA 8-DFN (2x2) OIP3: 41.5 P1dB: 22	Amplifier
MGA-665P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:500MHz ~ 5GHz Gain: 18.4 NF:1.18 Current(mA): 20.5mA 8-LPCC (2x2) OIP3: P1dB:	Amplifier
MGA-82563	<a href="#">MAAM-011206</a>	Frequency:0-15000MHz Gain: 13.5 NF:4.5 1.5 x 1.2 mm 6-lead TDFN Plastic Package Current (mA): 72 OIP3(dBm): 29 P1dB(dBm): 18	Frequency:100MHz ~ 6GHz Gain: 13.5 NF:2.2 Current(mA): 63mA ~ 101mA SOT-363, SC70 OIP3: 31 P1dB: 17.3	Amplifier
MGA-82563	<a href="#">MAAM-011206</a>	Frequency:0-15000MHz Gain: 13.5 NF:4.5 1.5 x 1.2 mm 6-lead TDFN Plastic Package Current (mA): 72 OIP3(dBm): 29 P1dB(dBm): 18	Frequency:100MHz ~ 6GHz Gain: 13.5 NF:2.2 Current(mA): 63mA ~ 101mA SOT-363, SC70 OIP3: 31 P1dB: 17.3	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
ATF-531P8	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency: Gain: NF: Current(mA): OIP3: 38 P1dB: 24.5	FET
ATF-54143	<a href="#">MAAL-011134</a>	Frequency:2400- 5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency: Gain: NF: Current(mA): OIP3: 36.2 P1dB: 20	FET
ATF-54143	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT- 363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency: Gain: NF: Current(mA): OIP3: 36.2 P1dB: 20	FET
ATF-541M4	<a href="#">MAAL-011134</a>	Frequency:2400- 5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-541M4	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT- 363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-55143	<a href="#">MAAL-011134</a>	Frequency:2400- 5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-55143	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT- 363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
ATF-551M4	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-551M4	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency: Gain: NF: Current(mA): OIP3: P1dB:	FET
ATF-58143	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency: Gain: NF: Current(mA): OIP3: 30.5 P1dB: 19	FET
ATF-58143	<a href="#">MAAL-010570</a>	Frequency:100-3500MHz Gain: 16 NF:0.75 SOT-363 Current(mA): 15 OIP3(dBm): 34 P1dB (dBm): 22	Frequency: Gain: NF: Current(mA): OIP3: 30.5 P1dB: 19	FET
AVT-51663	<a href="#">MAAL-010704</a>	Frequency:100-3500MHz Gain: 19.5 NF:0.9 SC70 (6L)/SOT-363 Current (mA): 60 OIP3(dBm): 31.5 P1dB(dBm): 22	Frequency:0Hz ~ 6GHz Gain: 19.6 NF:3.2 Current(mA): 36mA SOT-363, SC70 OIP3: 25.1 P1dB: 12.9	Amplifier
AVT-51663	<a href="#">MAAL-009120</a>	Frequency:70-3000MHz Gain: 11 NF:1.4 SC70 (6L)/SOT-363 Current (mA): 80 OIP3(dBm): 35 P1dB(dBm):	Frequency:0Hz ~ 6GHz Gain: 19.6 NF:3.2 Current(mA): 36mA SOT-363, SC70 OIP3: 25.1 P1dB: 12.9	Amplifier
AVT-54689	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:50MHz ~ 6GHz Gain: 17.1 NF:- Current(mA): 58mA SOT-89-3 OIP3: 29.6 P1dB: 17.4	Amplifier
AVT-54689	<a href="#">MAAL-011139</a>	Frequency:5-4000MHz Gain: 21 NF:1 SOT-89 Current(mA): 85 OIP3 (dBm): 34 P1dB(dBm): 19	Frequency:50MHz ~ 6GHz Gain: 17.1 NF:- Current(mA): 58mA SOT-89-3 OIP3: 29.6 P1dB: 17.4	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-13116	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:400MHz ~ 1.5 GHz Gain: 38 NF:6 Current(mA): 112mA 16-QFN (4x4) OIP3: 41.4 P1dB: 23.3	Amplifier
MGA-13116	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:400MHz ~ 1.5 GHz Gain: 38 NF:6 Current(mA): 112mA 16-QFN (4x4) OIP3: 41.4 P1dB: 23.3	Amplifier
MGA-13116	<a href="#">MAAM-010373</a>	Frequency:50-1100MHz Gain: 22 NF:2.2 SOT-89 Current(mA): 148 OIP3 (dBm): 40 P1dB(dBm):	Frequency:400MHz ~ 1.5 GHz Gain: 38 NF:6 Current(mA): 112mA 16-QFN (4x4) OIP3: 41.4 P1dB: 23.3	Amplifier
MGA-13216	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:1.5GHz ~ 2.5 GHz Gain: 35.8 NF:6 Current(mA): 122mA 16-QFN (4x4) OIP3: 40.5 P1dB: 23.6	Amplifier
MGA-13216	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:1.5GHz ~ 2.5 GHz Gain: 35.8 NF:6 Current(mA): 122mA 16-QFN (4x4) OIP3: 40.5 P1dB: 23.6	Amplifier
MGA-13516	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:400MHz ~ 1.5 GHz Gain: 31.8 NF:6 Current(mA): 150mA 16-QFN (4x4) OIP3: 38 P1dB: 23.5	Amplifier
MGA-13516	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:400MHz ~ 1.5 GHz Gain: 31.8 NF:6 Current(mA): 150mA 16-QFN (4x4) OIP3: 38 P1dB: 23.5	Amplifier



Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-13516	<a href="#">MAAM-010373</a>	Frequency:50-1100MHz Gain: 22 NF:2.2 SOT-89 Current(mA): 148 OIP3 (dBm): 40 P1dB(dBm):	Frequency:400MHz ~ 1.5 GHz Gain: 31.8 NF:6 Current(mA): 150mA 16-QFN (4x4) OIP3: 38 P1dB: 23.5	Amplifier
MGA-14516	<a href="#">MAAL-011134</a>	Frequency:2400- 5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:1.4GHz ~ 2.7 GHz Gain: 31.7 NF:6 Current(mA): 150mA 16-QFN (4x4) OIP3: 23.5 P1dB: 23.5	Amplifier
MGA-14516	<a href="#">MAAM-011229</a>	Broadband Low Noise Amplifier 0.5-4 GHz	Frequency:1.4GHz ~ 2.7 GHz Gain: 31.7 NF:6 Current(mA): 150mA 16-QFN (4x4) OIP3: 23.5 P1dB: 23.5	Amplifier
MGA-16116	<a href="#">MAAL-011134</a>	Frequency:2400- 5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:450MHz ~ 1.45GHz Gain: 18.4 NF:6 Current(mA): 60.9mA 16-QFN (4x4) OIP3: 21.2 P1dB: 21.2	Amplifier
MGA-16216	<a href="#">MAAL-011134</a>	Frequency:2400- 5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:1.44GHz ~ 2.35GHz Gain: 18.4 NF:6 Current(mA): 52.5mA 16-QFN (4x4) OIP3: 19.5 P1dB: 19.5	Amplifier
MGA-16316	<a href="#">MAAL-011134</a>	Frequency:2400- 5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:1.95GHz ~ 2.4GHz Gain: 18.2 NF:0.45 Current(mA): 53.3mA 16-QFN (4x4) OIP3: 15.5 P1dB: 18.7	Amplifier
MGA-30116	<a href="#">MAAM-009560</a>	Frequency:250-4000MHz Gain: 15 NF:3 SOT-89 Current(mA): 225 OIP3 (dBm): 42 P1dB(dBm):	Frequency:150MHz ~ 1GHz Gain: 17 NF:2 Current(mA): 400mA 16-QFN (3x3) OIP3:44.1 P1dB:27.7	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-30216	<a href="#">XF1001-SC</a>	Frequency:0-6000MHz Gain: 15.5 NF:4.5 SOT-89 Current(mA): 300 OIP3(dBm): 46.5 P1dB (dBm): 30	Frequency:1.7GHz ~ 2.7 GHz Gain: 14.2 NF:2.8 Current(mA): 400mA 16-QFN (3x3) OIP3: 45.3 P1dB: –	Amplifier
MGA-30789	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:2GHz ~ 6GHz Gain: 8.8 NF:2.7 Current(mA): 100mA SOT-89-3 OIP3: 41.8 P1dB: 26	Amplifier
MGA-30789	<a href="#">MAAP-011249</a>	Frequency: DC-27GHz, Gain: 13dB,Current: 250mA, Die, OIP3: 35.3 dBm, P1dB:25.5	Frequency:2GHz ~ 6GHz Gain: 8.8 NF:2.7 Current(mA): 100mA SOT-89-3 OIP3: 41.8 P1dB: –	Amplifier
MGA-30989	<a href="#">MAAL-011139</a>	Frequency:5-4000MHz Gain: 21 NF:1 SOT-89 Current(mA): 85 OIP3 (dBm): 34 P1dB(dBm): 19	Frequency:2GHz ~ 6GHz Gain: 9.6 NF:1.65 Current(mA): 51mA SOT-89-3 OIP3: 36.8 P1dB: –	Amplifier
MGA-31189	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:50MHz ~ 2GHz Gain: 21 NF:2 Current(mA): 111mA SOT-89-3 OIP3: 42 P1dB: 24	Amplifier
MGA-31289	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:1.5GHz ~ 3GHz Gain: 18.7 NF:2 Current(mA): 124mA SOT-89-3 OIP3: 41.8 P1dB: 24	Amplifier
MGA-31389	<a href="#">MAAL-011139</a>	Frequency:5-4000MHz Gain: 21 NF:1 SOT-89 Current(mA): 85 OIP3 (dBm): 34 P1dB(dBm): 19	Frequency:50MHz ~ 2GHz Gain: 20.6 NF:2 Current(mA): 73mA SOT-89-3 OIP3: 38.6 P1dB: 22.2	Amplifier
MGA-31489	<a href="#">MAAL-011139</a>	Frequency:5-4000MHz Gain: 21 NF:1 SOT-89 Current(mA): 85 OIP3 (dBm): 34 P1dB(dBm): 19	Frequency:1.5GHz ~ 3GHz Gain: 20.5 NF:2 Current(mA): 69mA SOT-89-3 OIP3: 37.3 P1dB: 21.9	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-31589	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:450MHz ~ 1.5 GHz Gain: 20.4 NF:1.9 Current(mA): 146mA SOT-89-3 OIP3: 45.3 P1dB: 27.2	Amplifier
MGA-31589	<a href="#">XF1001-SC</a>	Frequency:0-6000MHz Gain: 15.5 NF:4.5 SOT-89 Current(mA): 300 OIP3(dBm): 46.5 P1dB (dBm): 30	Frequency:450MHz ~ 1.5 GHz Gain: 20.4 NF:1.9 Current(mA): 146mA SOT-89-3 OIP3: 45.3 P1dB: 27.2	Amplifier
MGA-31689	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT-89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:1.5GHz ~ 3GHz Gain: 16.7 NF:2.2 Current(mA): 168mA SOT-89-3 OIP3: 44.9 P1dB: 27.6	Amplifier
MGA-31689	<a href="#">XF1001-SC</a>	Frequency:0-6000MHz Gain: 15.5 NF:4.5 SOT-89 Current(mA): 300 OIP3(dBm): 46.5 P1dB (dBm): 30	Frequency:1.5GHz ~ 3GHz Gain: 16.7 NF:2.2 Current(mA): 168mA SOT-89-3 OIP3: 44.9 P1dB: 27.6	Amplifier
MGA-31716	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:0Hz ~ 2GHz Gain: 20.2 NF:1.9 Current(mA): - 16-QFN (3x3) OIP3: 41 P1dB: 21.2	Amplifier
MGA-31816	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:1.5GHz ~ 4GHz Gain: 19.5 NF:1.6 Current(mA): 61mA 16-QFN (3x3) OIP3: 40.5 P1dB: 20.5	Amplifier
MGA-425P8	<a href="#">MAAM-011206</a>	Frequency:0-15000MHz Gain: 13.5 NF:4.5 1.5 x 1.2 mm 6-lead TDFN Plastic Package Current (mA): 72 OIP3(dBm): 29 P1dB(dBm): 18	Frequency:2GHz ~ 10GHz Gain: 14.5 ~ 17.5 NF:1.7 Current(mA): 51mA ~ 65mA 8-LPCC (2x2) OIP3: P1dB: 20	Amplifier
MGA-425P8	<a href="#">MAAM-011100</a>	Frequency:50-20000MHz Gain: 12 NF: 5 Current(mA): 70 OIP3(dBm): 25 P1dB (dBm): 15	Frequency:2GHz ~ 10GHz Gain: 14.5 ~ 17.5 NF:1.7 Current(mA): 51mA ~ 65mA 8-LPCC (2x2) OIP3: P1dB:	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-52543	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:400MHz ~ 6GHz Gain: 13 ~ 15.5 NF:1.9 ~ 2.3 Current (mA): 45mA ~ 65mA SOT-343, SC70 4-Lead OIP3: P1dB: 17.5	Amplifier
MGA-53543	<a href="#">MAAL-010704</a>	Frequency:100-3500MHz Gain: 19.5 NF:0.9 SC70 (6L)/SOT-363 Current (mA): 60 OIP3(dBm): 31.5 P1dB(dBm): 22	Frequency:50MHz ~ 6GHz Gain: 14 ~ 17 NF: 1.5 ~ 1.9 Current(mA): 40mA ~ 70mA SOT-343, SC70 4-Lead OIP3: 39.1 P1dB: 18.6	Amplifier
MGA-53543	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:50MHz ~ 6GHz Gain: 14 ~ 17 NF: 1.5 ~ 1.9 Current(mA): 40mA ~ 70mA SOT-343, SC70 4-Lead OIP3: 39.1 P1dB: 18.6	Amplifier
MGA-53589	<a href="#">MAAL-011139</a>	Frequency:5-4000MHz Gain: 21 NF:1 SOT-89 Current(mA): 85 OIP3 (dBm): 34 P1dB(dBm): 19	Frequency:50MHz ~ 6GHz Gain: 15.8 NF:1.66 Current(mA): 400mA SOT-89-3 OIP3: 37 P1dB: 18.2	Amplifier
MGA-545P8	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm):	Frequency:50MHz ~ 7GHz Gain: 16.3 NF:2.7 Current(mA): 110mA ~ 145mA 8-LPCC (2x2) OIP3: 34 P1dB: 21.7	Amplifier
MGA-545P8	<a href="#">MAAM-011206</a>	Frequency:0-15000MHz Gain: 13.5 NF:4.5 1.5 x 1.2 mm 6-lead TDFN Plastic Package Current (mA): 72 OIP3(dBm): 29 P1dB(dBm): 18	Frequency:50MHz ~ 7GHz Gain: 16.3 NF:2.7 Current(mA): 110mA ~ 145mA 8-LPCC (2x2) OIP3: 34 P1dB: 21.7	Amplifier
MGA-631P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:400MHz ~ 1.5 GHz Gain: 17.5 NF:0.53 Current(mA): 54mA 42-CSP (5.0x4.6) OIP3: 33.1 P1dB: 18	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-632P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:1.4GHz ~ 2.3GHz Gain: 17.6 NF:0.62 Current(mA): 57mA 42-CSP (5.0x4.6) OIP3: 34.8 P1dB: 19.2	Amplifier
MGA-633P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:450MHz ~ 2GHz Gain: 18 NF:0.37 Current(mA): 54mA 8-QFN (2x2) OIP3: 37 P1dB: 22	Amplifier
MGA-634P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:1.5GHz ~ 2.3GHz Gain: 17.4 NF:0.44 Current(mA): 48mA 8-QFN (2x2) OIP3: 36 P1dB: 22	Amplifier
MGA-635P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:2.3GHz ~ 4GHz Gain: 18 NF:0.56 Current(mA): 56mA 8-QFN (2x2) OIP3: 35.9 P1dB: 21.9	Amplifier
MGA-636P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:450MHz ~ 1.5GHz Gain: 18.8 NF:0.44 Current(mA): 108mA 8-DFN (2x2) OIP3: 41.5 P1dB: 23	Amplifier
MGA-637P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:450MHz ~ 1.5GHz Gain: 17.3 NF:0.52 Current(mA): 75mA 8-DFN (2x2) OIP3: 41.5 P1dB: 22	Amplifier
MGA-638P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:450MHz ~ 1.5GHz Gain: 17.3 NF:0.87 Current(mA): 84mA 8-DFN (2x2) OIP3: 39.5 P1dB: 22	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-665P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:500MHz ~ 6GHz Gain: 18.4 NF:1.18 Current(mA): 20.5mA 8-LPCC (2x2) OIP3: P1dB: 11.5	Amplifier
MGA-675T6	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:4.6GHz ~ 6GHz Gain: 17.8 NF:6 Current(mA): 10mA - OIP3: P1dB:	Amplifier
MGA-683P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:1.5-4GHz Gain:17 NF:0.6 Current(mA):40 OIP3: 33 P1dB:21.5	Amplifier
MGA-684P8	<a href="#">MAAL-011134</a>	Frequency:2400-5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:1.5-4GHz Gain:17.6 NF:0.6 Current(mA):35 OIP3: 34 P1dB: 22	Amplifier
MGA-68563	<a href="#">MAAL-007304</a>	Frequency:500-3000MHz Gain: 25.5 NF:0.7 SOT-26 Current(mA): 12 OIP3(dBm): 19 P1dB (dBm): 7	Frequency:100MHz ~ 1.5 GHz Gain: 19.7 NF:6 Current(mA): 16mA SOT-363 OIP3: P1dB: 17.5	Amplifier
MGA-685T6	<a href="#">MAAL-007304</a>	Frequency:500-3000MHz Gain: 25.5 NF:0.7 SOT-26 Current(mA): 12 OIP3(dBm): 19 P1dB (dBm): 7	Frequency:100MHz ~ 1.5 GHz Gain: 20.5 NF:6 Current(mA): 10mA 6-UTSLP (2x1.3) OIP3: 18.7 P1dB: 17.3	Amplifier
MGA-81563	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm):	Frequency:100MHz ~ 6GHz Gain: 10.5 ~ 14.5 NF:2.7 Current(mA): 31mA ~ 51mA SOT-363, SC70 OIP3: 27 P1dB: 14.8	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-83563	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:500MHz ~ 6GHz Gain: 23 NF:- Current(mA): 152mA ~ 200mA SOT-363, SC70 OIP3: P1dB: 15-19.7	Amplifier
MGA-83563	<a href="#">MAAM-009286</a>	Frequency:250-4000MHz Gain: 15.5 NF:3.5 SOT- 89 Current(mA): 155 OIP3(dBm): 42 P1dB (dBm): 27	Frequency:500MHz ~ 6GHz Gain: 23 NF:- Current(mA): 152mA ~ 200mA SOT-363, SC70 OIP3: P1dB: 15-19.7	Amplifier
MGA-85563	<a href="#">MAAL-010704</a>	Frequency:100-3500MHz Gain: 19.5 NF:0.9 SC70 (6L)/SOT-363 Current (mA): 60 OIP3(dBm): 31.5 P1dB(dBm): 22	Frequency:0Hz ~ 6GHz Gain: 18 NF:1.6 Current(mA): 15mA ~ 20mA SOT-363, SC70 OIP3: P1dB: 1	Amplifier
MGA-85563	<a href="#">MAAL-011134</a>	Frequency:2400- 5800MHz Gain: 17.7 NF: 0.9 2mm 8-LD PDFN Package Current(mA): 60 OIP3(dBm): 34 P1dB (dBm): 15	Frequency:0Hz ~ 6GHz Gain: 18 NF:1.6 Current(mA): 15mA ~ 20mA SOT-363, SC70 OIP3: P1dB:	Amplifier
MGA-86563	<a href="#">MAAL-007304</a>	Frequency:500-3000MHz Gain: 25.5 NF:0.7 SOT- 26 Current(mA): 12 OIP3(dBm): 19 P1dB (dBm): 7	Frequency:500MHz ~ 6GHz Gain: 22.7 NF:1.5 Current(mA): 14mA SOT-363, SC70 OIP3: 15 P1dB: 3	Amplifier
MGA-86563	<a href="#">MAAM-011229</a>	Frequency:50-4000MHz Gain: 19 NF:1.3 2 mm 8-Lead PDFN Package Current(mA): 80 OIP3 (dBm): 36 P1dB(dBm): 16	Frequency:500MHz ~ 6GHz Gain: 22.7 NF:1.5 Current(mA): 14mA SOT-363, SC70 OIP3: P1dB:	Amplifier
MGA-87563	<a href="#">MAAL-010704</a>	Frequency:100-3500MHz Gain: 19.5 NF:0.9 SC70 (6L)/SOT-363 Current (mA): 60 OIP3(dBm): 31.5 P1dB(dBm): 22	Frequency:500MHz ~ 4GHz Gain: 14 NF:1.6 Current(mA): 4.5mA SOT-363, SC70 OIP3: P1dB: -2	Amplifier

Broadcom PN	MACOM Suggested PN	MACOM Description	Competitor Description	Type
MGA-87563	<a href="#">MAAL-010706</a>	Frequency:1400-4000MHz Gain: 17.5 NF: 0.6 2mm PDFN-8LD Current(mA): 60 OIP3 (dBm): 34.5 P1dB(dBm): 19	Frequency:500MHz ~ 4GHz Gain: 14 NF:1.6 Current(mA): 4.5mA SOT-363, SC70 OIP3: P1dB:	Amplifier