

UMS Latest Product Introduction 2025/2026

LOW NOISE AMPLIFIER

Part Number	RF Bandwidth (GHz)	Gain (dB)	Noise Figure (dB)	P-1dB OUT (dBm)	Bias (mA)	Bias (V)	Case
CHA1252-QDG	11-18	26	1.3	7	30	2	QFN
CHA1351-QAG	24-32	24	1.3	5	30	2	QFN
CHA2362-99F	26-40	22	2	8	65	4	Die
CHA1452-QDG	30-44	20	1.8	4	47	3	QFN
CHA2452-QAG	31-43	24	1.8	8	28	2.5	QFN
CHA2353-99F	46-52	24	3.5	9	75	3.3	Die

MEDIUM POWER AMPLIFIER

Part Number	RF Bandwidth (GHz)	Gain (dB)	IP3 (dBm)	P-1dB OUT (dBm)	Sat. Output Power (dBm)	PAE (%)	Bias (mA)	Bias (V)	Case
CHA5005-99F	0.9-1.8	18.5	-	26.5	28	33	120	7.5	Die
CHA4262-QDG	17-22	26	30	20	23	37	130	2.5	QFN
CHA5282-QAG	17-21.5	18.5	-	23	25	44	70	5	QFN

June 2026

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Part Number	RF Bandwidth (GHz)	Gain (dB)	Sat. Output Power (dBm)	PAE (%)	Bias (mA)	Bias (V)	Case
CHA8107-QCB	4.5-6.8	28	41	62	315	18	QFN
CHA8618-99F	6-18	33	42.5	26	1200	20	Die
CHA6154-99F	7.25-7.75	36.5	34.5	43	70	28	Die
CHA8154-99F	7.25-7.75	28.5	42.6	49	330	28	Die
CHA8315-99F	15-18	23	43.5	47	1160	20	Die
CHA6224-98F	20-40	21	33	11	550	15	Die
CHA8682-QWA	24.5-28	30	42.5	35	450	20	QFN
CHA8682-98F	25-29	27	44	28	340	25	Die
CHA8362-EBB	26.5-31	24	43.5	28	330	25	Drop-in
CHA6357-98F	27-31	30	37	23	140	25	Die
CHA7362-QWA	27.5-31	26	39	27	280	20	QFN
CHA8282-99F	27.5-31	27	40	33	300	22	Die
CHA8265-98F	27.5-31	25	44	30	340	25	Die
CHA8454-99F	37.5-43.5	24	40.5	25	540	20	Die

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