

## Digital Variable Gain Amplifier

※ Notice: BVA303/BVA304/BVA305/BVA518/BVA2140 not recommend for new design										
Part No.	Freq. (MHz)	Gain(dB) at 1900MHz	OP1dB(dBm) at 1900MHz	OIP3(dBm) at 1900MHz	ATT Range/ Step Size(dB)	Control Interface	Vc(V)	Icc(mA)	NF(dB)	PKG
<a href="#">BVA303</a>	30-4000	21.1	16.0	29.0	31.5 / 0.5	Serial/Parallel	3.0	54	2.9	QFN 4x4
<a href="#">BVA303B</a>	30-4000	21.0	16.0	29.8	31.5 / 0.5	Serial/Parallel	3.0	55	2.7	QFN 4x4
<a href="#">BVA304</a>	50-4000	12.3	19.3	31.5	31.5 / 0.5	Serial/Parallel	3.3	26	3.6	QFN 4x4
<a href="#">BVA304B</a>	50-4000	13.5	19.4	33.2	31.5 / 0.5	Serial/Parallel	3.3	26	3.4	QFN 4x4
<a href="#">BVA305</a>	40-4000	14.2	14.8	28.0	31.5 / 0.5	Serial/Parallel	3.0	52	4.1	QFN 4x4
<a href="#">BVA305B</a>	40-4000	14.4	14.8	28.7	31.5 / 0.5	Serial/Parallel	3.0	52	3.2	QFN 4x4
<a href="#">BVA518</a>	5-4000	19.1	18.6	32.2	31.5 / 0.5	Serial/Parallel	5.0	73	5.8	QFN 4x4
<a href="#">BVA518B</a>	5-4000	19.1	18.6	32.2	31.5 / 0.5	Serial/Parallel	5.0	73	5.8	QFN 4x4
<a href="#">BVA2140</a>	700-4000	30.2	25.1	40.0	31.5 / 0.5	Serial	5.0	150	2.9	QFN 4x4

<a href="#">BVA2140B</a>	700-4000	30.4	25.6	40.2	31.5 / 0.5	Serial	5.0	150	2.7	QFN 4x4
Part No.	Freq. (MHz)	Gain(dB) at 3550MHz	OP1dB(dBm) at 3550MHz	OIP3(dBm) at 3550MHz	ATT Range/ Step Size(dB)	Control Interface	Vc(V)	Icc(mA)	NF(dB)	PKG
<a href="#">BVA3143</a>	3300-3800	39.7	26.2	43.0	31.75 / 0.25	Serial	5.0	310	3.9	LGA 6x6
Part No.	Freq. (MHz)	Gain(dB) at 4650MHz	OP1dB(dBm) at 4650MHz	OIP3(dBm) at 4650MHz	ATT Range/ Step Size(dB)	Control Interface	Vc(V)	Icc(mA)	NF(dB)	PKG
<a href="#">BVA3144</a>	4400-5000	36.3	26.0	41.0	31.75 / 0.25	Serial	5.0	310	4.0	LGA 6x6