

3.0~3.3V Supply Amplifier

Part No.	BW (MHz)	Freq. (MHz)	Gs (dB)	P1 (dBm)	OIP3/tone (dBm)	NF (dB)	Vc (V)	Ic (mA)	PKG	
BGS1	50-4000	70	25.3	16.7	0dBm	3.0	3.2	26	SOT363	
		900	21.8	16.0		2.9				
		1900	18.4	13.9		24.9				3.0
		2140	17.6	13.3		24.0				3.0
		2450	16.3	12.3		23.8				3.3
		3500	14.9	9.9		19.2				3.0
BGS2	50-4000	70	26.5	15.4	0dBm	2.7	3.0	34	SOT363	
		900	23.2	13.1		24.8				2.3
		1900	19.1	12.1		23.4				2.2
		2140	18.3	11.7		23.1				2.2
		2450	17.3	10.6		22.5				2.3
		3500	15.0	8.7		19.2				2.7
BGS3	30-4000	30	28.8	16.0	0dBm	1.9	3.0	52	SOT363	
		70	28.0	16.7		30.5				1.8
		900	25.4	17.4		30.5				1.7
		1900	21.6	16.9		30.5				1.8
		2140	20.8	16.0		29.0				1.9
		2450	20.0	16.0		28.5				1.9
		2650	19.5	15.9		28.5				2.0

		3500	18.0	14.5	27.2		2.0			
BGS4	50~4000	70	24.7	20.4	31.0	-3dBm	2.2	3.3	26	SOT363
		500	22.0	20.3	28.0		2.6			
		900	19.7	19.9	28.0		2.1			
		1900	14.2	18.8	30.0		2.1			
		2140	13.2	19.0	29.5		2.2			
		2450	11.1	19.0	30.0		2.3			
		3500	10.3	18.9	30.8		2.6			
BGS5	40-4000	40	19.0	15.0	32.5	0dBm	2.2	3.0	55	SOT363
		70	17.3	15.5	32.5		2.2			
		900	16.5	16.2	31.5		2.5			
		1900	15.0	15.4	28.5		2.7			
		2140	14.6	15.0	28.0		2.8			
		2450	14.1	14.4	27.0		2.9			
		2650	13.8	14.5	27.0		3.0			
		3500	13.3	13.7	24.6		2.7			
BGS6	50-4000	400	23.3	16.5	26.0	0dBm	3.0	3.3	27	SOT343
		900	21.8	17.0	26.0		2.9			
		1900	18.0	14.0	26.0		3.0			
		2450	16.2	12.5	24.0		3.3			
		2650	15.6	12.0	23.0		3.5			
BNT01	1500-3000	1900	15.5	22.0	37.0	5dBm	1.6	4.4	68	SOT89



		2140	14.5	22.0	37.0		1.7			
		2650	13.0	22.0	36.0		1.8			
		1900	15.0	19.5	35.5	3dBm	1.6	3.3	47	SOT89
		2140	14.0	20.0	36.0		1.6			
		2650	12.5	20.0	35.0		1.7			

