

BeRex Cross Reference Guide

株式会社ネットウエル

	Company	BeRex	W.J	Prewell	Mini-Circuits	
Product Description	Part Number	BT05VG2	AH110	PH230	Gali 84+	
	Category	HIGH OIP3	Linearity amp	Linearity amp	Gain Block	
	Material	InGap/GaAs HBT	InGap HBT	InGap HBT	InGap HBT	
	Data sheet version	Finished	Finished	Finished	Finished	
	Package	SOT89	SOT89	SOT89	SOT89	
	Matching Circuit	External Matching	External Matching	External Matching	Internally Matched	
Typical Performance	Vcc(V)	5	5	5	5.8	
	Icc(mA)	88	100	82	100	
	ESD	Class 1B	Class 1A	Class 1C	Class 1C	
	MSL	MSL1	MSL3	MSL3	MSL1	
	Gain	70MHz				25.6
		900MHz		20.5		22.7
		1900MHz	19	17.6	17.2	19.2
		2140MHz	18			
		2450MHz	16.5			
	P1	70MHz				21.9
		900MHz		22.8		21.5
		1900MHz	22.7	23	22.5	21.2
		2140MHz	22			
		2450MHz	23.2			
	OIP3(dBm)	70MHz				37.6
		900MHz		39		37.8
		1900MHz	40.5	38	38	38
		2140MHz	38			
		2450MHz	38			
	S11	70MHz				25.8
		900MHz		-20		21.2
		1900MHz	-18.5	-17	-16	18.0
		2140MHz	-15.6			
		2450MHz	-26.1			
	S22	70MHz				16.3
		900MHz		-9.5		11.0
		1900MHz	-14.9	-7.4	-12	8.9
		2140MHz	-19.1			
		2450MHz	-19.4			
	NF(dB)	70MHz				4.2
900MHz			5.2		4.4	
1900MHz		3.9		3.2	4.4	
2140MHz		4				
2450MHz		4				