

BeRex Cross Reference Guide

株式会社ネットウエル

	Company	BeRex	Prewell	Sirenza	Mini Circuits	
Product Description	Part Number	BIF7	PW118	SGA-6589	SGA-6589	
	Category	IF AMP	IF Gain Block	Gain Block	Gain Block	
	Material	InGap/GaAs HBT	InGap HBT	SiGe HBT	SiGe HBT	
	Data sheet version	Finished	Finished	Finished	Finished	
	Package	SOT89	SOT89	SOT89	SOT89	
	Matching Circuit	Internally Matched	Internally Matched	Internally Matched	Internally Matched	
Typical Performance	Vcc(V)	5	4.6	4.9	4.9	
	Icc(mA)	95	115	80	80	
	ESD	Class 1C	Class 2	?	Class 2	
	MSL	MSL1	MSL3		MSL1	
	Gain	70MHz	27	29	28.4	31.5
		140MHz	27	28.8	25.2	
		250MHz	26.5	28.2	19.8	
		500MHz	25.5	26.5		
		800MHz			18.2	26
	P1	70MHz	21	20.8		
		140MHz	21.5	21	21.5	
		250MHz	21.5	21	19	
		500MHz	21	20.6		
		800MHz			17.8	12.5
	OIP3(dBm)	70MHz	40	40		
		140MHz	38.5	39.5	32.5	
		250MHz	38	38	32	
		500MHz	36	35.5		
		800MHz			30.3	25
	S11	70MHz	-32.0	-23.0	13.9	
		140MHz	-41.1	-23.0	15.6	
		250MHz	-38.5	-15.0	13.1	
		500MHz	-28.6	-12.0		
		800MHz			12	16
	S22	70MHz	-12.1	-25.0	16.1	
		140MHz	-11.6	-17.0	11.4	
		250MHz	-10.1	-12.0	9.2	
		500MHz	-7.2	-8.0		
		800MHz			9.4	11.0
	NF(dB)	70MHz	2.9	2.8		
		140MHz	2.9	2.8	2.5	
		250MHz	3.0	2.8	2.9	
500MHz		3.0	2.8			
800MHz				3.3	3.1	