

BeRex Cross Reference Guide

株式会社ネットウエル

Product Description	Company	BeRex	Sirenza		Avago	
	Part Number	BT331	SPB2026	SPA1526Z	ALM32220	
	Category	HIGH OIP3	2W Hign Linearity	2W Hign Linearity	2W Hign Linearity	
	Material	InGaP/GaAs HBT	InGaP HBT	InGaP HBT	GaAs EpHEMT	
	Data sheet version	Finished	Finished	Finished	Finished	
	Package	SOIC-8	SOF-26	SOF-26	20-Lead MCOB	
	Matching Circuit	External Matching	External Matching	External Matching	External Matchin	
Typical Performance	Vcc(V)	5	5	5	5	
	Icc(mA)	410	445	645	800	
	ESD	Class1C	Class1C	Class1C		
	Junction Temperature	220	150	150		
	MSL		MSL1	MSL1	MSL3	
	Gain	500MHz				
		900MHz	19.5		15.4	
		1900MHz	14		14	15
		2140MHz	13	13.6	13.7	14.5
		2450MHz	12			13.8
	P1	500MHz				
		900MHz	31.5		32.5	
		1900MHz	33.3		32.5	34.4
		2140MHz	32.3	32.8	32	34.3
		2450MHz	31			34.3
	OIP3(dBm)	500MHz				
		900MHz	50		45.5	
		1900MHz	51		49	49.8
		2140MHz	51		49	50
		2450MHz	50			49.8
	S11	500MHz				
		900MHz	-16.0		-13	
		1900MHz	-14.0		-10.2	-10
		2140MHz	-20.0	-26	-25.5	-9.5
		2450MHz	-19.0			-13.5
	S22	500MHz				
		900MHz	-11.0		-10.8	
1900MHz		-11.0		-16.5	-9.3	
2140MHz		-12.0	-15.8	-10.8	-9.7	
2450MHz		-10.0			-11.1	
NF(dB)	500MHz					
	900MHz	4.8		8.6		
	1900MHz	5.0				
	2140MHz	5		5.6		
	2450MHz	5.3				